

MISSOURI
AIR CONSERVATION COMMISSION
BRIEFING DOCUMENT

October 28, 2004



MISSOURI DEPARTMENT
OF NATURAL RESOURCES

Air and Land Protection Division

Air Pollution Control Program



NOTICE OF OPEN MEETING

Persons with disabilities requiring special services or accommodations to attend the meeting can make arrangements by calling the Air Pollution Control Program directly at (573) 751-4817, the division's toll-free number at 1-800-361-4827, or by writing two weeks in advance of the meeting to: DNR, Air Conservation Commission Secretary, P. O. Box 176, Jefferson City, MO 65102. Hearing impaired persons may contact the program through Relay Missouri, 1-800-735-2966. Please visit our web site at www.dnr.mo.gov.

AGENDA

Missouri Air Conservation Commission Meeting
Days Inn
Baldwin/Harvey Rooms
Hwy 63 South
Kirksville, MO 63501
October 28, 2004
9:00 a.m.

	Page #	
A. Call to Order		Joanne Collins
B. Minutes from September 30, 2004 Approval needed	1	Joanne Collins
C. Reports - (discussion)		
1. Complaint Report	23	Steve Feeler
2. Settlement Report	45	Steve Feeler
3. Permit Reports	53	Kyra Moore

- | | | | |
|----|-------------------|----|---------------------|
| 4. | Operations Report | 77 | Jim Kavanaugh |
| 5. | Director's Report | | Leanne Tippet Mosby |

D. Unfinished Business

None

E. Public Hearing

- | | | |
|---|----|--------------|
| Missouri State Implementation Plan – Maintenance Plan for the Missouri Portion of the St. Louis Ozone Non-Attainment Area Including On-Road Motor Vehicle Emission Budgets | 79 | Ron Jeffries |
|---|----|--------------|

The Missouri Department of Natural Resources is proposing to establish mobile source emission budgets for conformity purposes for the St. Louis ozone non-attainment area. Although the 2007 emissions budgets were not formally established as a motor vehicle budget in the 1-hour ozone maintenance plan, the 2007 emissions budgets were included in the maintenance plan as emissions estimates for projected emissions inventories for that year. The mobile source emission budgets establish a cap on emissions that cannot be exceeded by predicted highway and transit vehicle emissions. The department has worked with the East-West Gateway Council of Governments Interagency Consultation Group in establishing the year 2007 mobile source budgets.

F. Recommended for Adoption and Actions to be Voted on

- | | | |
|---|----|----------------|
| 10 CSR 10-6.061 (amendment) Construction Permit Exemptions | 91 | Paul McConnell |
|---|----|----------------|

This proposed amendment will amend the insignificant levels used for construction permit exemptions and also add a new exemption for manufacturing operations that produce insignificant emissions. These changes were requested by the Air Quality Advisory Forum.

- | | | |
|---|-----|----------------|
| 10 CSR 10-6.120 (amendment) Restriction of Emissions of Lead From Specific Lead Smelter-Refinery Installations | 105 | Paul McConnell |
|---|-----|----------------|

This proposed amendment will delete references to Doe Run, Glover in the lead emissions limitation section of this rule. The stack emission and throughput limitations are no longer needed in the rule because they have been incorporated into a settlement agreement with Doe Run as part of the maintenance plan.

PrintSTEP Variance Request

125 Jim Kavanaugh

To continue operation of this pilot project requires a continuation of variances for rules 10 CSR 10-6.060, Construction Permits Required and 10 CSR 10-6.065, Operating Permits. An update on the project will be presented in conjunction with a request to continue the variance.

G. New Business

None

H. Appeals and Variance Requests

OBD Variance Request

129 Haskins Hobson

I. Open Session

This segment of the meeting affords citizens an opportunity to voice concerns to the commission on air quality issues. Please be advised, comments on specific rulemakings need to be provided as testimony, under oath, during the formal process of the public hearing for that rulemaking.

J. Future Meeting Dates

Leanne Tippet Mosby

December 9, 2004 – Jefferson City

Governor Office Building

Room 450

200 Madison Street

Jefferson City, MO 65101

February 3, 2005 – Jefferson City

Harry S Truman Building

Room 490

301 W. High Street

Jefferson City, MO 65101

March 31, 2005 – St. Joseph

Meeting Room Pending

April 28, 2005 – Jefferson City

Harry S Truman Building

Room 490

301 W. High Street

Jefferson City, MO 65101

May 26, 2005 – St. Louis

Meeting Room Pending

June 30, 2005 – Jefferson City

Governor Office Building

Room 450

200 Madison Street

Jefferson City, MO 65101

July 21, 2005 – Poplar Bluff

Meeting Room Pending

August 25, 2005 – Jefferson City

Governor Office Building

Room 450

200 Madison Street

Jefferson City, MO 65101

September 29, 2005 – Kansas City

Meeting Room Pending

October 27, 2005 – Jefferson City

Governor Office Building

Room 450

200 Madison Street

Jefferson City, MO 65101

December 8, 2005 – Springfield

Meeting Room Pending

K. Discussion of Pending Litigation and Legal Matters

Tim Duggan

(This portion of the meeting may be closed, pursuant to Section 610.021 (1), RSMo, after a vote by the Commission.)

L. Meeting Adjournment

Joanne Collins

TABLE OF CONTENTS

Missouri Air Conservation Commission October 28, 2004

Minutes from September 30, 2004 Meeting	1
Complaint Report	23
Settlement Report	45
Permit Reports	53
Rule and SIP Agenda	77
Public Hearing	
Missouri State Implementation Plan – Maintenance Plan for the Missouri Portion of the St. Louis Ozone Non-Attainment Area Including On-Road Motor Vehicle Emission Budgets	79
Recommended for Adoption and Actions to be Voted on	
10 CSR 10-6.061 (amendment) Construction Permit Exemptions	91
10 CSR 10-6.120 (amendment) Restriction of Emissions of Lead From Specific Lead Smelter-Refinery Installations	105
Rules in Progress Schedule	107
State Air Quality Plans Status Report	111
I/M Report	119
Gateway Clean Air Program Report	121
PrintSTEP Variance Request	125
OBD Variance Request	129
Reference Links	135
Regional and Satellite Offices Map	137
Notes	138

MINUTES
MISSOURI AIR CONSERVATION COMMISSION
Holiday Inn Sports Complex
1st Base Conference Room
4011 Blue Ridge Cutoff
Kansas City, MO 64133
September 30, 2004
9:00 a.m.

Commissioners Present

Jack C. Baker, Member
Harriet Beard, Member
Joanne Collins, Chairman
Michael Foresman, Vice Chairman
Carolyn Pufalt, Member

Commissioners Absent

Ernie Brown, Member

Staff Members Present

Todd Crawford, Air and Land Protection Division (ALPD)
Tim Duggan, Attorney General's Office
Denise Evans, Director's Office
Steve Feeler, Compliance/Enforcement Section Chief, Air Pollution Control Program (APCP)
Wayne Graf, Operations Section, APCP
Jim Kavanaugh, Operations Section Chief, APCP
Paul McConnell, Operations Section, APCP
Sarah McMichael, Public Information Specialist, APCP
Kyra Moore, Permits Section Chief, APCP
Leanne Tippet Mosby, Director, APCP
Gus Ralston, Kansas City Regional Office
Missy Seeligman, Program Secretary, APCP
Wendy Vit, Operations Section, APCP

Others Present by Attendance Record

Naji Ahmad, Kansas City Air Quality Program
Mike Alesandrini, RCGA
Amy Algoe-Eakin, U.S. Environmental Protection Agency (EPA) Region VII
Karl Barke, Springfield Air Quality Control
Robert Brundage, Newman Comley & Ruth
Jeff Creason, Aquila
Lee Daniels, U.S. EPA Region VII
Terry Eaton, Kansas City Power and Light
Dave Fraley, City Utilities of Springfield

Lisa Hanlon, U.S. EPA Region VII
Gina Kauib, U.S. EPA Region VII
Jon Knodel, U.S. EPA Region VII
James Lanzafame, Doe Run Company
Kevin Perry, REGFORM
Steve Rudloff, Missouri Limestone Producers Association
Shelly Rios, U.S. EPA Region VII
Tom Siedhoff, Mississippi Lime
Andria Strickland, Barr Engineering
Jim Tucholski, Honeywell
Gwen Yoshimur, U.S. EPA Region VII

A. Call to Order

Chairman Joanne Collins called the September 30, 2004, meeting of the Missouri Air Conservation Commission to order. The Commissioners introduced themselves and Chairman Collins requested that all cell phones and pagers be turned off.

B. Minutes, August 26, 2004, Meeting

Commissioner Harriet Beard moved to approve the minutes as written. Commissioner Mike Foresman seconded; all commissioners voted to approve the minutes as written.

C. Reports - The following referenced reports are in the September 30, 2004, Missouri Air Conservation Commission Briefing Document.

1) COMPLIANCE/ENFORCEMENT

Steve Feeler referred the commission to the Complaint Report beginning on Page 21. The department received 121 complaints during August.

Commissioner Foresman noted that a complaint on Tyson Foods indicated odor was detected at a dilution of 7:1, but it did not indicate a Notice of Violation was issued. Mr. Feeler noted that, although not listed, a Notice of Excess of Emissions was issued to Tyson Foods. Mr. Feeler also noted that there have been a number of complaints on Tyson Foods and the RES facility in the McDonald County area. He noted that when the investigators get there, the odors are not strong enough to constitute a violation. Mr. Feeler believes that Tyson Foods had just made a mistake in the process, which has been fixed. Mr. Feeler believes this will eliminate a lot of the odors.

Mr. Feeler next referred the commission to the Settlement Report on Page 43. For 2004 the program has resolved 217 cases totaling approximately \$420,000 in penalties paid and approximately \$450,000 in suspended penalties. The program

continues to have 400 to 500 active cases at any given time. Many of these cases do not result in penalties, but turn out to simply be warnings.

2) PERMITS

Kyra Moore referred the commission to the permit reports beginning on Page 51 with the Permit Applications Received Report. For the month of August, the program received 44 construction permit projects and 56 operating permit projects.

The Permit Applications Completed Report begins on Page 63. For August, the program completed 56 construction permit projects and 19 operating permit projects.

The Operating Permit Progress Report begins on Page 73. The program is still working on the initial Part 70 permits with 30 left to issue. There are several on public notice.

The Fort Leonard Wood (FLW) operating permit was on public notice in August. During this public notice process a request for a public hearing in St. Louis was received from The Great Rivers Environmental Law Center on behalf of The Coalition for the Environment. A hearing has been scheduled for October 20, 2004 at the Wainwright Building in St. Louis from 6:00 to 9:00.

Commissioner Foresman asked why the hearing is not being held at FLW. Ms. Moore stated that Great Rivers Environmental Law Center requested the hearing be held in St. Louis. Commissioner Foresman stated that usually the hearing is held in the area where the people live and where the facility is located. Ms. Moore stated that FLW was agreeable to hold the hearing in St. Louis. FLW talked about having a second hearing at FLW, but decided against it. [Note: After the commission meeting, FLW decided to have a hearing in Waynesville. Details for the hearing are still being finalized.] Leanne Tippet Mosby noted that the construction permit rules require the public hearing be held in the location where the permit is issued. Commissioner Foresman stated the program should get public input from the people who live in the area where the facility is for a good distribution of comments more so than accommodating the people who filed the request.

The program issued a final permit to Noranda Aluminum on September 8, 2004.

The program is still responding to the extensive public comments received for the City Utilities of Springfield permit.

The program was ready to issue the final permit for Aquila. However, Aquila submitted a change of location for the project. The project is being moved

approximately five miles from Harrisonville to Peculiar, therefore the public notice process will have to start again. As soon as the air dispersion modeling for the new location is completed, the program will initiate the public notice process.

The Doe Run Buick project is on public notice. If there is a request for a hearing on this project, the program will hold it in Viburnum on November 1, 2004.

Ms. Moore updated the commission on the Prairie States project in Illinois. The public notice period concluded on August 27, 2004. EPA is responding to all the comments received at this time.

3) OPERATIONS

Jim Kavanaugh referred the commission to the three Operations reports beginning on Page 75 with the Rules and SIP Agenda.

Next month the program will be proposing to add another mobile emission budget to the St. Louis 1-hour Ozone Maintenance Plan. The attainment date for St. Louis as a moderate non-attainment area would be 2010. The current maintenance plan establishes mobile emission budgets for 2014 and the base 2000. The proposal will establish a 2007 emission budget necessary for transportation conformity analysis. The proposed numbers are in the current maintenance plan but are listed as projections instead of an emissions budget.

Mr. Kavanaugh next referred the commission to the Rules in Progress Schedule on Page 101. Mr. Kavanaugh explained a blank row on Page 103 concerning the Operating Permit Rule. New requirements for rulemaking went into effect before the program was ready to file the Operating Permit Rule. The program now tentatively plans to file the rule with the Secretary of State's Office on December 15, 2004. This is the first rule action under the new rulemaking requirements. The department is still working on process and procedures for the new rulemaking requirements.

Mr. Kavanaugh noted a suggestion made by Wayne Graf to include a page of Web sites in the Briefing Document, relevant to various ongoing activities. This will be added to future documents.

The State Air Quality Plan Status Report begins on Page 105.

On September 10, 2004 the Mid America Regional Council (MARC) hosted a community workshop in which the program, the State of Kansas, elected officials, community representatives, environmentalists, and health professionals participated. It was a very successful workshop with a lot of good discussion. MARC's contractor gave an excellent presentation. MARC is compiling all the response to comments with the results to the meeting, which will be placed on

their Web site. The next step is to implement meaningful controls. There were a lot of good ideas and now early action is needed to keep the Kansas City area Air Quality headed in the right direction.

Chairman Collins thanked the staff for their participation with MARC, EPA and the State of Kansas.

On September 23, 2004 the program and Illinois EPA held a stakeholders kick-off meeting in St. Louis. This meeting established the SIP development process for the 8-hour and PM_{2.5} standards. A couple of workgroups were developed to work on the modeling, the emission inventory and the SIP control strategy development. The program would like to have technical people to help so that this can be presented to the Air Advisory Committee through the East-West Gateway Coordinating Council (EWGCC). All related information will be placed on a Web site to give everyone an opportunity to provide input.

On September 24, 2004, there was a second community meeting with some of the counties surrounding the St. Louis non-attainment area. This meeting was to provide information on the Upwind NO_x policy and rulemaking proposal.

Mr. Kavanaugh updated the commission on EPA's NO_x SIP call for the eastern part of Missouri. The program is in the process of setting up meetings with stakeholders who will be involved. The program anticipates this could include up to four new rules. There is a short time frame to have the SIP submitted. The SIP call requires a SIP to be submitted by April of 2005.

On September 22, 2004, EPA reclassified some areas from moderate to marginal non-attainment areas. St. Louis met most of the criteria of this category. However after analyzing the data and talking with the Illinois EPA and the business community, it was decided this was not something that could be done for St. Louis. Attainment would have to be reached three years earlier, which is not likely to be achievable.

4) 2004 AIR QUALITY SUMMARY

Calvin Ku presented a summary of the 2004 Air Quality (Attachment "A"). The summary begins on Page 138 of the September Briefing Document.

5) DIRECTOR'S REPORT

a) Program Staff

Missy Seeligman is now Program Secretary. The program has started the process to hire a Commission Secretary. Another new staff member has come to the program from the State of Kansas, Windy Vit.

b) Grain Elevator Temporary Permit

Due to the unusual weather and precipitation this year, the agricultural community is expecting a bountiful harvest. Extra temporary storage areas need to be built for grain. The program worked with Robert Brundage on issuing a blanket temporary permit for grain elevators. This can be viewed on our Web site.

c) Interim Committee on Vehicle Emissions Testing

Speaker Katherine Hanaway announced an Interim Committee to take a look at the vehicle emissions testing program in St. Louis. There are several members from the House of Representatives on the committee including Rep. Harold Selby and Rep. Jim Lembke, who are the primary legislators that were involved in the bills to discontinue and/or modify the program last session. The program will be working very closely with this committee that will be looking at the need to maintain the program and how it could be modified to make it more convenient for customers. There is already a group working through EWGCC looking at ways we can improve convenience in the current program. The goal is to get a report back to the General Assembly by January. The committee will hold meetings in St. Louis.

d) Air Advisory Forum

The next meeting will be October 5, 2004 at the Secretary of State's Interpretive Center from 10:00 a.m. to 2:00 p.m.

e) Commission Policy

The air statutory requirements were incorporated in the draft commission policy, which the Commission Core Workgroup adopted. Ms. Tippet Mosby noted the areas that were added for the Air Conservation Commission.

Commissioner Foresman noted that the title needed to be changed to show it is for the air commission. Commissioner Foresman moved to adopt the commission policy as modified. Commissioner Beard seconded, all commissioners voted to adopt the commission policy.

Commissioner Foresman noted that in his packet there was a one page listing of Hearing Officer's resumes. There were not any resumes attached and he requested that the resumes be made available to the commissioners. Commissioner Foresman also asked if the list was current. Tim Duggan noted that he thought the list was current, but did question one of them. Commissioner Foresman stated to the audience that the commission has received a note that the Administrative Hearing Commission (AHC) has a full agenda and will not be taking referrals from any of the commissions at this time.

D. Unfinished Business

None

E. Public Hearing

Chairman Collins called the public hearing to order.

Paul McConnell presented 10 CSR 10-6.061 (amendment) Construction Permit Exemptions. Information of the proposed amendment begins on Page 79 of the September Briefing Document.

Paul McConnell presented 10 CSR 10-6.120 (amendment) Restriction of Emissions of Lead From Specific Lead Smelter-Refinery Installations. Information of the proposed amendment begins on Page 93 of the September Briefing Document.

Todd Crawford presented the PrintSTEP Variance to the commission. Information of the variance begins on Page 133 of the September Briefing Document.

To obtain a copy of the hearing transcript, please contact the court reporter.

F. Recommended for Adoption or Actions to be Voted on

None

G. New Business

Attorney General's Office Referral Requests

Mr. Feeler presented a referral request for Craig Automotive. Information on the proposed referral begins on Page 119 of the briefing document. Commissioner Foresman moved to refer Craig Automotive to the AGO. Commissioner Jack Baker seconded the motion. All commissioners voted for referral to the AGO.

Mr. Feeler presented a referral request for G3 Boats. Information on the proposed referral begins on Page 123 of the briefing document. Commissioner Foresman moved to

refer G3 Boats to the AGO. Commissioner Caroline Pufalt seconded the motion. All commissioners voted for referral to the AGO.

Mr. Feeler presented a referral request for Foster's Pelican Point Family. Information on the proposed referral begins on Page 125 of the briefing document. Commissioner Beard moved to refer Foster's Pelican Point Family to the AGO. Commissioner Foresman seconded the motion. All commissioners voted for referral to the AGO.

Mr. Feeler presented a referral request for Steven Ford. Information on the proposed referral begins on Page 129 of the briefing document. Commissioner Baker moved to refer Steven Ford to the AGO. Commissioner Foresman seconded the motion. All commissioners voted for referral to the AGO.

H. Appeals and Variance Requests

Review of Mississippi Lime Appeal

Tim Duggan reported that the Mississippi Lime appeal has been rejected by the AHC. At this time, Chemical Lime has requested the commission to defer action on appointing another hearing officer until the next commission meeting. This will give Chemical Lime the opportunity to discuss the issue internally to possibly come up with other ideas on how to handle the situation.

At this time, the AHC has a previous appeal from Chemical Lime on a Mississippi Lime permit already pending. This appeal is in the Western District Court of Appeals on a discovery question. The AHC hearing officer issued an order to Mississippi Lime, with a protective order attached, to produce certain records to Chemical Lime. Mississippi Lime sought a Writ of Prohibition in the Cole County Circuit Court and was denied. They are now in the Court of Appeals from the Circuit Court decision. The Court of Appeals is now requesting supplemental briefs on a specific issue.

OBD Variance Request

Ms. Tippet Mosby stated that unfortunately the paper work was unable to be brought together for the variance today. The new pass/fail OBD takes effect in the Vehicle Emissions Testing Program on January 1, 2005. The concern is some of the codes that fail in the OBD test are unrelated to emissions systems, primarily codes to indicate transmission problems. The program does not want to require consumers to pay a large amount on transmission repairs if it is not going to improve air quality. The program is working on a variance to allow those types of failures to be excluded.

I. Open Session

Jim Tucholski addressed the commission concerning the solvent metal cleaning regulation, which governs operations in the St. Louis and Kansas City area. Boeing and

the state are in the process of working amending the solvent metal cleaning regulation in the St. Louis area. Mr. Tucholski stated that working on the St. Louis and Kansas City regulations at the same time would reduce rule-making efforts. The National Nuclear Security Administration has sent a petition to the program to modify the Kansas City area solvent metal cleaning regulation along with the St. Louis regulation to make them consistent.

Mike Alesandrini addressed the commission concerning staff attending meetings in the St. Louis. There have been Air Advisory, SIP, I/M, and Upwind NOx meetings that have been held with stakeholders. This is very helpful to get people who are not in the business of doing air quality every day more comfortable with what is going on.

Mr. Alesandrini anticipates that there will be something pre-filed this year that will take aim at the I/M program again. The Air Quality Advisory Committee of EWGCC is reviewing a variety of convenience factors that will be provided to the legislators. This will consist of a list of minor changes that can be made to the program in order to keep the program together and help the consumers accept the program. Mr. Alesandrini wondered if a resolution could be helpful.

Commissioner Foresman stated that he would be interested in getting a copy of the recommendations and look at some of the proposed changes. Commissioner Foresman would want to make the changes as easy to implement as possible, yet still achieve the reductions. The people do not realize how critical the I/M program reductions have been to attainment to St. Louis.

Mr. Alesandrini stated the recommendations are not being made through the EWGCC, just giving a list of things that can be changed and conveying the critical nature of an I/M program to the legislature. Unfortunately the media coverage on this program has not been well balanced. Commissioner Beard asked for the information so that the commission can work with legislators in other areas of the state also.

J. Future Meeting Dates

October 27, 2004 – Premium Standard Farms Tour
(Tentative)

October 28, 2004 - Kirksville
Days Inn
Baldwin/Harvey Rooms
Highway 63 South
Kirksville, MO 63501

December 9, 2004 – Jefferson City

Governor Office Building
Room 450
200 Madison Street
Jefferson City, MO 65101

February 3, 2005 – Jefferson City

March 31, 2005 – St. Joseph

April 28, 2005 – Jefferson City

May 26, 2005 – St. Louis

June 30, 2005 – Jefferson City

July 21, 2005 – Poplar Bluff

August 25, 2005 – Jefferson City

September 29, 2005 – Kansas City

October 27, 2005 – Jefferson City

December 8, 2005 – Springfield

K. Discussion of Pending Litigation and Legal Matters

Chairman Collins noted that Mr. Duggan has been the lead person in the Commission Core Workgroup and has worked hard to bring the commissions where they are. The last conference call meeting was held last week. Mr. Duggan stated that the draft rule for appeals procedures and hearing officers is already on its way to the department and will be distributed to the staff for the commissions to review.

Mr. Duggan noted that the commission will need to go into closed session to discuss litigation matters, one being the Friends of Agriculture for the Reform of Missouri Environmental Regulations (FARMER) case and the other being an EPA initiated litigation matter.

Commissioner Foresman moved to go into closed session. Commissioner Beard seconded the motion. All commissioners voted to go into closed session.

Commissioner Beard moved to go back into open session. Commissioner Foresman seconded the motion. All commissioners voted to go back into open session.

Mr. Duggan reviewed the decisions during closed session. The EPA and the state are working on an initiative in an enforcement case, which is in the preliminary stages; therefore those who are involved can not be identified.

There is a settlement in the FARMER case. The following terms have been reached: 1) The commission and department will use scentometer screening at a 7:1 dilution effective immediately. The department will modify any written policy, procedure or guidelines to reflect this agreement. 2) FARMER has dismissed the lawsuit without prejudice. 3) The department will continue to enforce the current odor rule as written with the modification of the 7:1 screening until the rule may be amended in the future.

L. Missouri Air Conservation Commission

Chairman Collins adjourned the September 30, 2004, Missouri Air Conservation Commission meeting.

Respectfully submitted,

Leanne Tippet Mosby, Director
Air Pollution Control Program

Approved:

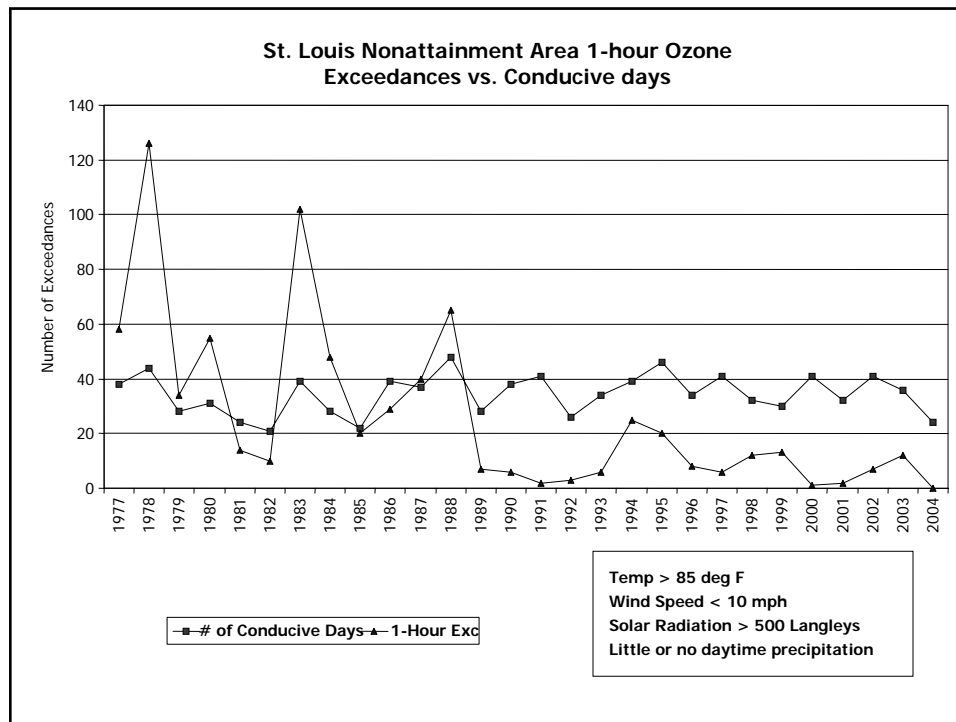
Joanne Collins, Chairman
Missouri Air Conservation Commission

2004 Ozone Report

MACC Meeting
Kansas City, MO
September 30, 2004

2004 Ozone Season

- Ozone Season : April 1 - October 31
 - El Dorado Springs, Jul 22
- Atlantic Hurricane Season : June 1 - November 30
 - Charley, Aug 13
 - Frances, Sep 6
 - Ivan, Sep 16
 - Jeanne, Sep 26



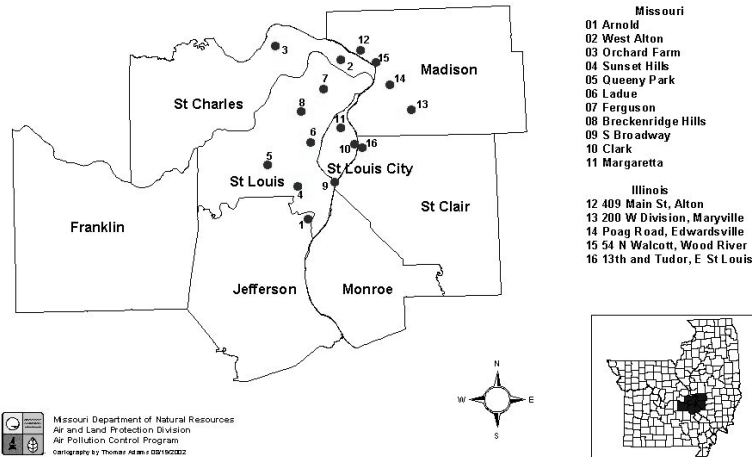
Ozone Design Value

8-hour Ozone Standard - 85 ppb

The design value is calculated based on the three-year average of the annual 4th highest value.

	4th High 8-hr Average			Design Value
	2001	2002	2003	01-03
Orchard Farm	88	98	90	92

St. Louis Ozone Nonattainment Area Monitoring Sites



8-hour Ozone Design Value for the St. Louis Area

Orchard Farm

Top Four Values by Year

Rank	2001	2002	2003	2004*
1 st High	90 ppb	114 ppb	97 ppb	80 ppb
2 nd High	90 ppb	111 ppb	96 ppb	80 ppb
3 rd High	89 ppb	101 ppb	95 ppb	78 ppb
4 th High	88 ppb	98 ppb	90 ppb	76 ppb

Design Value

2001-2003	2002-2004*
92 ppb	88 ppb

Note: 2004 values based on preliminary data from the Ozone Mapping System

8-hour Ozone Design Value for the St. Louis Area

West Alton

Top Four Values by Year

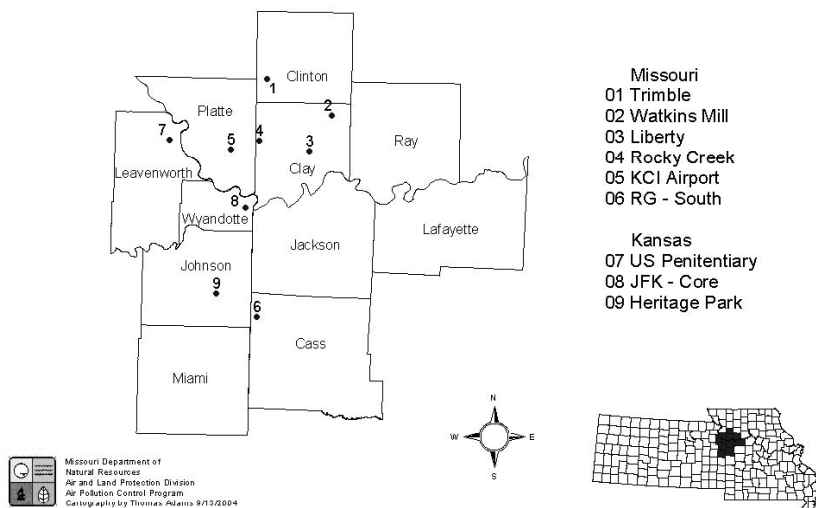
Rank	2001	2002	2003	2004*
1 st High	99 ppb	111 ppb	97 ppb	81 ppb
2 nd High	92 ppb	100 ppb	94 ppb	77 ppb
3 rd High	89 ppb	100 ppb	94 ppb	77 ppb
4 th High	85 ppb	99 ppb	91 ppb	77 ppb

Design Value

2001-2003	2002-2004*
91 ppb	89 ppb

Note: 2004 values based on preliminary data from the Ozone Mapping System

Kansas City Area Ozone Monitoring Sites



8-hour Ozone Design Value for the Kansas City Area

Liberty

Top Four Values by Year

Rank	2001	2002	2003	2004*
1 st High	88 ppb	102 ppb	99 ppb	77 ppb
2 nd High	87 ppb	94 ppb	94 ppb	71 ppb
3 rd High	80 ppb	89 ppb	93 ppb	71 ppb
4 th High	79 ppb	87 ppb	90 ppb	71 ppb

Design Value

2001-2003	2002-2004*
84 ppb	82 ppb

Note: 2004 values based on preliminary data from the Ozone Mapping System

8-hour Ozone Design Value for the Kansas City Area

Rocky Creek

Top Four Values by Year

Rank	2001	2002	2003	2004*
1 st High		97 ppb	97 ppb	80 ppb
2 nd High		94 ppb	96 ppb	80 ppb
3 rd High		91 ppb	95 ppb	78 ppb
4 th High		91 ppb	90 ppb	77 ppb

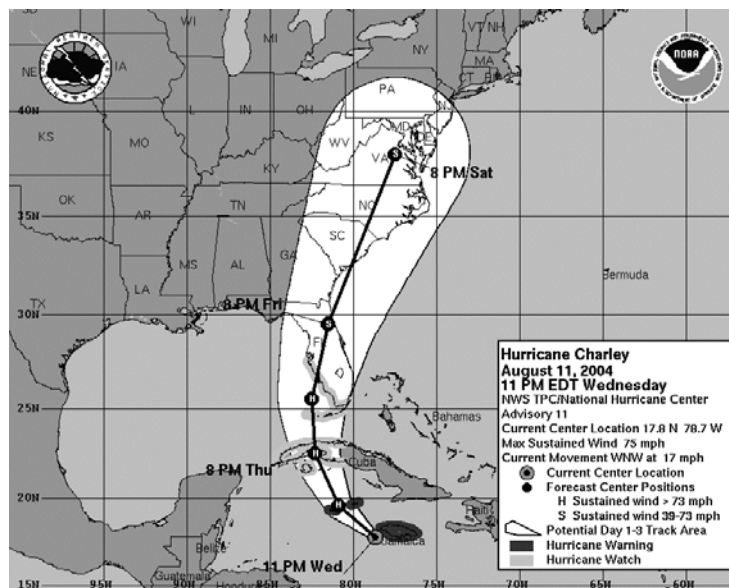
Design Value

2001-2003	2002-2004*
	83 ppb

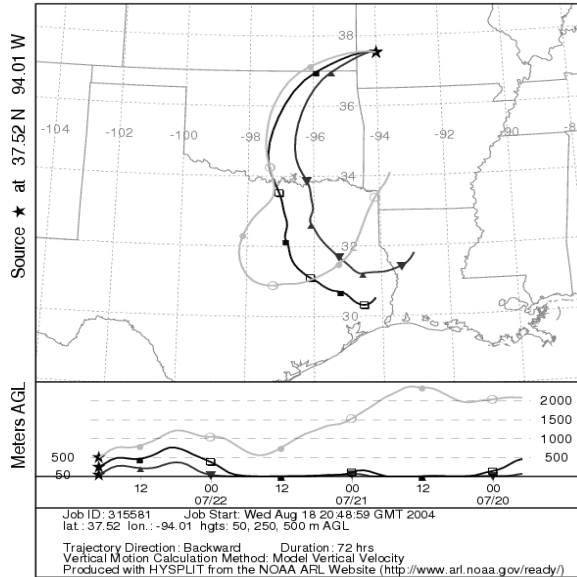
Note: 2004 values based on preliminary data from the Ozone Mapping System

Ozone Modeling

- compare monitoring data
- predict future ozone level
- control strategy evaluation
- daily ozone forecasting
- attainment demonstration



NOAA HYSPLIT MODEL
Backward trajectories ending at 19 UTC 22 Jul 04
EDAS Meteorological Data



•Trajectory plots present an aerial view of the path an air parcel travels both horizontally and vertically, before reaching its final location

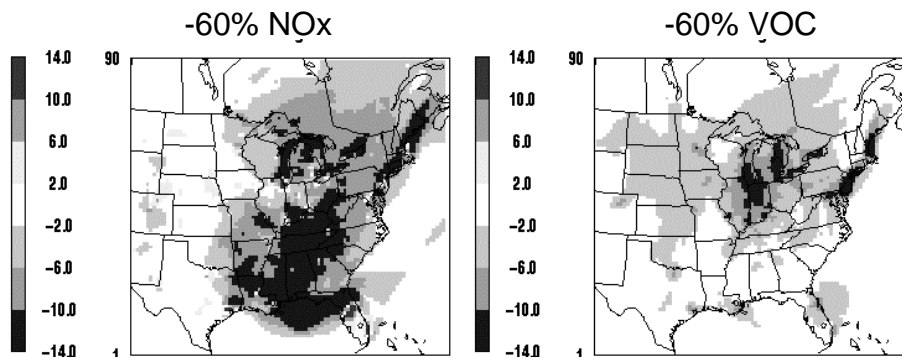
•Backward trajectories were evaluated over a time period of 72 hours for the ozone exceedance day

•Data for the El Dorado Springs plots were analyzed at 50, 250, 500 meters above ground level

•Although the beginning locations are variable due to upper level winds that suggest a different location for the source pollutant, it is clear that the ozone plume traveled a significant distance during the 72-hours leading up to the ozone exceedance

•The primary source of the pollution is suggested to propagate from the Oklahoma region, specifically Oklahoma City.

Ozone Reductions

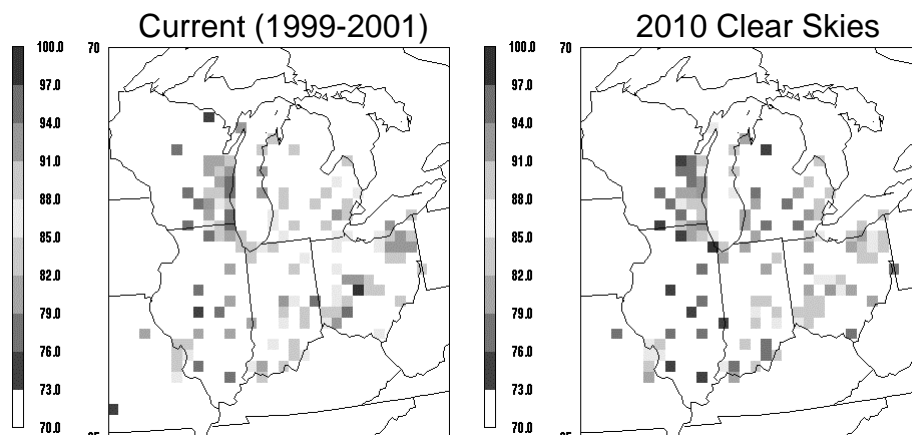


Emission Reduction Effectiveness

	NOx	VOC
urban		x
regional	x	

***Caveats: model performance, emissions,
grid resolution, representativeness of episodes...***

Ozone: 2010 Clear Skies



Summary

- Due to mild weather in summer 2004, the design value in St Louis NAA has decreased from 92 ppb to 89 ppb. The number of sites in violation has reduced to four from nine sites.
- Kansas City is likely to stay in attainment for next 2 years.
- Additional controls are necessary to achieve the 8-hour ozone standard. We have started working with IEPA, DOT, local planning, and stakeholder to develop control strategies for the 8-hour ozone SIP which is due June 2007.

8-hour Critical Values

	4th High 8-hr Average (ppb)						Design Value			
<i>Missouri</i>	2000	2001	2002	2003	2004	2005	00-02	01-03	02-04	03-05
Liberty	91	79	87	88	71	96	85	84	82	85
Watkins Mill	84	73	83	85	67	103	80	80	78	85
Rocky Creek			91	88	69	98	na	na	82	85
RG South	84	72	83	82	61	112	79	79	75	85
KCI	90	79	85	76	70	109	84	80	77	85
Trimble					71				71	
<i>Kansas</i>	2000	2001	2002	2003	2004	2005	00-02	01-03	02-04	03-05
Wyandotte CO	87	76	69	84	63	108	77	76	72	85
U.S Penitentiary				82	66	107			74	85
Heritage Park				81	66	108			73	85

*- through 12 SEP 04

8-hour Critical Values

	4th High 8-hr Average (ppb)						Design Value			
<i>Missouri</i>	2000	2001	2002	2003	2004	2005	00-02	01-03	02-04	03-05
Arnold	80	86	93	80	70	105	86	86	81	85
West Alton	88	85	99	91	77	87	90	91	89	85
Orchard Farm	86	88	98	90	76	89	90	92	88	85
Clark	67	71	81	71	58	126	73	74	70	85
Margaretta	86	80	98	90	72	93	88	89	86	85
Sunset Hills	82	88	98	88	70	97	89	91	85	85
Queeny Park	88	84	94	86	67	102	88	88	82	85
Ladue	80	79	94	82	67	106	84	85	81	85
Ferguson	83	81	95	88	68	99	86	88	83	85
Breckenridge	81	79	93	88	69	98	84	86	83	85
Bonne Terre	86	75	92	83	70	102	84	83	81	85
<i>Illinois</i>	2000	2001	2002	2003	2004	2005	00-02	01-03	02-04	03-05
Jerseyville	83	84	100	83	73	99	89	89	85	85
Alton	77	82	94	89	74	92	84	88	85	85
Maryville	78	73	90	88	78	89	80	83	85	85
Edwardsville	78	75	90	82	68	105	81	82	80	85
Wood River	78	78	84	83	73	99	80	81	80	85
Houston	76	77	85	77	64	114	79	79	75	85
East St. Louis	84	78	93	79	73	103	85	83	81	85

*- through 12 SEP 04

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Summary Report
For All Regions - 9/1/2004 to 9/30/2004

Number of Complaints Received RE:

<i>Asbestos</i>	5
<i>Burning</i>	33
<i>Fugitive Dust</i>	24
<i>Odors</i>	41
<i>Particulate</i>	2
<i>Non-regulated</i>	0
<i>Toxics</i>	2
<i>Other</i>	28

Of the above, 9 complaints involved multiple emissions.

Total of Complaints Received:. 125

Number of Investigations of Complaints:

<i>Received during report period.</i>	86
<i>Received prior to report period.</i>	10

Total number of investigations completed: 96

Number of Sources:

<i>Non-Regulated.</i>	0
<i>In compliance with regulations.</i>	119
<i>In violation of regulations.</i>	6
<i>Referred to local air pollution agencies.</i>	0
<i>Referred to other DNR program.</i>	0
<i>Requiring follow-up surveillance.</i>	0

Number of formal notices of violation issued: 6

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
KCRO	9/1/2004	8/30/2004	MARTIN MARIETTA QUARRY	Parkville	Platte	Fugitive Dust	Anonymous	RAV	
Comments	Advised Mr. Bryant that dust going beyond the quarry's property boundaries was a violation.								
Comp. No.	KC9688	Comp. Info	Dust from Parkville Quarry is going across Highway 9 in Parkville. Observed dust at 5:30 p.m. on August 30, 2004, and 7:45 a.m. on August 31, 2004.						
KCRO	9/1/2004	8/26/2004	MARTIN MARIETTA QUARRY	Parkville	Platte	Odors	Anonymous	RAV	
Comments	Odor not strong enough to detect with scentometer.								
Comp. No.	KC9686	Comp. Info	Kerosene odors from a quarry.						
KCRO	9/2/2004	9/1/2004	REV DEVELOPMENT, L.L.C.	St. Joseph	Buchanan	Fugitive Dust	Jody Mayes	MRM	
Comments	Intermittent dust from grading at placement of gravel. None going off-site during inspection. Advised project manager of complaint, who agreed to intensify watering.								
Comp. No.	KC9689	Comp. Info	Excess dust at Green Acres Shopping Center development. Grading of land for building construction. Laying gravel over areas for parking.						
KCRO	9/2/2004	8/23/2004	RESIDENTS	Rushville	Buchanan	Burning	Anonymous	MRM	
Comments	Open burning without permit. Will send letter of warning to the mayor and five residents.								
Comp. No.	KC9690	Comp. Info	Residents are burning household trash in residential neighborhood. At least five people are using burn barrels.						
KCRO	9/9/2004	9/7/2004	OMNIUM	St. Joseph	Buchanan	Odors	Nadine Thompson	BMV	
Comments	No odor violations detected during the complaint investigation.								
Comp. No.	KC9702	Comp. Info	Strong odor today. Wind from the north to northwest. Odor always bad when the wind is from the north.						
KCRO	9/9/2004	9/7/2004	UNKNOWN	St. Joseph	Buchanan	Odors	Mable Springs	BMV	
Comments	No odor violations were detected during the complaint investigation.								
Comp. No.	KC9703	Comp. Info	A stronger than usual odor that smells like a rotting corpse. The odor was first noticed this morning.						
KCRO	9/15/2004	9/10/2004	RAY-CARROLL COOP	Hardin	Ray	Fugitive Dust	Louise King	MRM	2286K
Comments	Fugitive particulate matter emissions visible in air beyond property line. Will issue a notice of excess emissions since it is a violation of 10 CSR 10-6.170.								
Comp. No.	KC9705	Comp. Info	Grain dust is bad from dryer. All over lawn, house, car. Looks like it is snowing.						
KCRO	9/16/2004	9/9/2004	MARTIN MARIETTA QUARRY	Peculiar	Cass	Fugitive Dust	Dorcas Bockelman	BMV	
Comments	No violations observed during surveillance time.								
Comp. No.	KC9701	Comp. Info	Dust coming onto property from quarry to the south. Complainant notes that it is right after blasting. Dust noted on complainant's property for over five minutes after blast this afternoon. No dust from other quarry operations. Complainant's home is in the southeast corner of her 400 acres.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

Region	Inspection Date	Date Received	Suspected Source Owner/Operator	City	County Name	Type of Complaint	Complainant	Inspector Initials	NOV
KCRO	9/20/2004	9/16/2004	J.D. KING CONCRETE	Oak Grove	Jackson	Fugitive Dust	Tim Haveston	RAV	
Comments	They weren't sandblasting at the time of inspection. Advised owner of fugitive dust regulation.								
Comp. No.	KC9698	Comp. Info	Dust from sandblasting business is going onto complainant's property.						
KCRO	9/20/2004	9/20/2004	J.D. KING CONCRETE	Oak Grove	Jackson	Fugitive Dust	Linda Davis	RAV	
Comments	Sandblasting was not being conducted at the time of inspection. Advised Ms. Ketterman of fugitive dust regulations.								
Comp. No.	KC9697	Comp. Info	J.D. King is sandblasting in residential neighborhood. Dust is going on complainant's property.						
KCRO	9/20/2004	9/1/2004	TIMBER CREEK SEWER CO.	Platte City	Platte	Odors	Arland Dulin	RAV	2308K
Comments	Issued notice of excess emissions #2308KC for excess odors.								
Comp. No.	KC9746	Comp. Info	The Prairie Creek Wastewater Treatment Plant has an offensive odor. The complainant lives a half of a mile away and is complaining about the odor.						
KCRO	9/22/2004	9/22/2004	CITY OF AULLVILLE	Aullville	Lafayette	Burning	Anonymous	RAV	2309k
Comments	Issued notice of violation #2309KC for open burning.								
Comp. No.	KC9704	Comp. Info	Asphalt shingles are being burned at the city dumpsite.						
KCRO	9/24/2004	9/23/2004	VALLEY VIEW RACE TRACK	Grain Valley	Jackson	Odors/Toxics	Jodi Town	RAV	
Comments	No violations observed.								
Comp. No.	KC9706	Comp. Info	Newer auto race track started up this spring. It fills the area with exhaust fumes during races. Gasoline and oil spills at the facility are not cleaned up. Complainant is concerned about odors and health problems from exhaust fumes, and gas and oil being washed into creek during rain. Citizens are trying to ask Grain Valley not to issue business permit to facility next year because of these and other concerns.						
KCRO	9/29/2004	9/29/2004	GRANDVIEW HIGH SCHOOL	Grandview	Jackson	Asbestos	Anonymous	RAV	
Comments	Building inspected for asbestos prior to renovation. No regulated asbestos in building.								
Comp. No.	KC9707	Comp. Info	Renovation work is about to begin at old Grandview High School. Complainant is concerned asbestos is in building.						
KCRO	9/30/2004	9/30/2004	DELPHI COMPANY	North Kansas City	Clay	Fugitive Dust/Asbestos	Kim Graham	RAV	
Comments	Old roofing does not contain asbestos. No fugitive dust violation observed.								
Comp. No.	KC9708	Comp. Info	Company is removing rolled roof from factory and creating dust problems.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
KCRO	10/5/2004	9/29/2004	HPI CHEMICAL MANUFACTURER	St. Joseph	Buchanan	Odors	Rob Rhodes	RAV	
Comments No odors detected.									
Comp. No. KC9745 Comp. Info Strong sulfur/hydrogen odor.									
KCRO	10/5/2004	9/23/2004	PURINA MILLS	St. Joseph	Buchanan	Fugitive Dust/Odors	Renee Burress	RAV	
Comments Issued notice of excess emissions #2312KC for excess odors.									
Comp. No. KC9743 Comp. Info Dust coming onto property from elevator located to the south. Worse with malfunction at elevator recently. The "leak per plant manager" is better since fixed. Gets noticeable dust on car within three days of washing. Tough to clean off. Lives on six acres of family land. Once Purina began processing grain it has been a problem ever since, even under normal operating conditions.									
KCRO	10/5/2004	9/14/2004	PURINA FEED MILL	St. Joseph	Buchanan	Fugitive Dust/Odors	Renee Burgess	RAV	
Comments Issued notice of excess emissions #2312KC for excess odors.									
Comp. No. KC9744 Comp. Info Complainant is concerned about the air quality in the area around Purina Feed Mill. Odors are bad depending on wind direction. Particulate dust from process leaving the property. Ground filters may not be working well. Previous complaint on facility.									
NERO		9/28/2004	EADES FAMILY	Fulton	Callaway	Burning	Ardyce Kelley		
Comments									
Comp. No. NE10360 Comp. Info Concern relayed by e-mail. Message contained a second contact. Mr. Charlie Lord at 573-642-4988. Message reported activity by family in lot #25 including burning garbage. The message included pictures of what appeared to be smoke or haze in the area. Telephone call to Charlie Lord on September 29, 2004, resulted in directions to mobile home park, but no additional information.									
NERO		9/14/2004	HOOTENANNIES BAR	Columbia	Boone	Asbestos	Anonymous		
Comments									
Comp. No. NE10281 Comp. Info Complainant reports floor tile from the bar was removed in a friable manner with hammers. Afterwards, the workers (employees of the bar) were informed the floor tile contained asbestos. The project is now over and cleaned up. The new owners (as of July 1, 2004) are Chester Wayne King and Connie Ferlong.									
NERO		9/4/2004	GENE MELLOWAY	Columbia	Boone	Burning	Columbia Fire Dept		
Comments See "What was reported?" above.									
Comp. No. NE10341 Comp. Info A work crew hired by Melloway Auto Salvage, Gene Melloway, has been burning salvage waste and waste tires. The local fire department responded and informed the owner that burning of trade waste is not allowed. Staff of the Environmental Emergency Response team spoke to Chief Perringier (573) 447-5000, who indicated the fire was out and runoff was not an issue.									

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
NERO		9/29/2004	CITY OF MOBERLY	Moberly	Randolph	Asbestos	Avis		
Comments									
Comp. No.	NE10367		Comp. Info Workers demolishing the Banquet Foods building are not aware of asbestos present in the building. Work requires wet demolition of unsafe areas from which asbestos could not be removed. The complainant reports wet demolition is not taking place.						
NERO	9/1/2004	9/1/2004	PSF VALLEY VIEW	Green City	Sullivan	Odors	Sonja Christen	SMB	
Comments No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.									
Comp. No.	NE10289		Comp. Info The complainant reported odors from PSF Valley View on August 31, 2004, as follows: "At 8:45 a.m., Debbie Jacobs reported an odor that 'turns your stomach.' At 5:45 p.m., she reported odors with a breeze from the southeast. At 8:45 p.m. lise Christen reported, 'It stinks!' At 9:00 p.m., Jerry Jacobs reported, 'It stinks!' Winds were blowing from the southeast and from the east southeast all day.						
NERO	9/1/2004	9/1/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
Comments No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.									
Comp. No.	NE10300		Comp. Info On August 31, 2004, the complainant reported odors from PSF Whitetail as follows: "August 31, 2004, I would like to file an odor complaint on the PSF Whitetail site. As I drove by the site this morning going east on Highway 129, then again this afternoon, I encountered strong gassy/lagoon odors coming off their factory farm. The odor made it difficult to breathe and burned my eyes and nose. August 31, 2004, Leta Torrey would like to file an odor complaint on the PSF Whitetail site. She stated the odor moved in bad around 7:30/8:00 a.m. The odor also had a strong sulfur smell to it. It made it hard for her to breathe. There was no wind at that time."						
NERO	9/2/2004	9/2/2004	RON BLANKENSHIP	Unionville	Putnam	Odors	Melody Torrey	SMB	
Comments Confined animal feeding operation is smaller than a class 1A and is exempt from Missouri Air Conservation Commission odor regulations.									
Comp. No.	NE10248		Comp. Info On September 2, 2004, the complainant reported odors as follows. "September 1, 2004, Jeri and Lynn McKinley would like to file an odor complaint on the Ronald Blankenship PSF contract farm. They stated that Blankenship had been land applying hog waste all day and the odor from it has made them sick and has made it very difficult to work in the hay field."						
NERO	9/2/2004	9/2/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Terry Spence	SMB	
Comments No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.									
Comp. No.	NE10306		Comp. Info The complainant reports the following odor complaints against the PSF Whitetail facility. "This is Tuesday evening August 31, 2004. The odor has been terrible since around 6:00 p.m. this evening from the Whitetail facility. I have been forgetful in reporting them this month. There have been several mornings and evenings in August that it has been bad at our residence."						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 *through* 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
NERO	9/2/2004	9/2/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
<i>Comments</i>	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
<i>Comp. No.</i>	NE10304	<i>Comp. Info</i>	On September 2, 2004, the complainant reported odors from PSF Whitetail as follows: "September 1, 2004, Terry and Linda Spence would like to file an odor complaint on the PSF Whitetail site. They stated the odor has been horrible up there this evening."						
NERO	9/2/2004	9/2/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
<i>Comments</i>	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
<i>Comp. No.</i>	NE10301	<i>Comp. Info</i>	On September 2, 2004, the complainant reported odors from PSF Whitetail as follows: "September 1, 2004, I would like to file an odor complaint on the PSF Whitetail site. As I drove by the site early that morning (3:30 a.m.) and then again that afternoon going west on Highway 129, going east I encountered strong gassy/lagoon odors coming off their factory farm. The odors made it very difficult to breathe and burned my eyes and nose."						
NERO	9/2/2004	8/30/2004	PSF PACKING PLANT	Milan	Sullivan	Odors	Jack Parrish	SMB	
<i>Comments</i>	Spoke with Mike Keith by telephone. He said they collect all of their blood and sell it. It is kept chilled in a fully contained area. The plant was not in operation on Saturday. The wastewater system is still in operation. Other system are shut down. On September 9, 2004, conducted an odor investigation downwind from the plant from 9:24 to 9:45 a.m. No odors were detected at the time of the investigation. Winds were blowing from the east southeast and from the south southeast. No violation of the odor regulation found during the investigation.								
<i>Comp. No.</i>	NE10285	<i>Comp. Info</i>	At 10:03 a.m. on August 29, 2004, the complainant left a voice mail message stating that odors from the PSF Packing Plant were "a stinking mess" when he and his wife drove by Milan on Highway 5 on Saturday. When I spoke with him by phone today, he stated the odors were experienced at about 7:30 p.m. on Saturday evening. He described the odors as a sewage odor with some unknown odor mixed in. He speculated that it could be PSF's "blood pond."						
NERO	9/7/2004	9/7/2004	PST WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
<i>Comments</i>									
<i>Comp. No.</i>	NE10267	<i>Comp. Info</i>	On September 2, 2004, the complainant reported odors from PSF Whitetail as follows. "I noticed the odor around 3:30 a.m. going east on Highway 129. The odor coming off their factory farm is horrible. It's a strong gassy/lagoon odor that makes it difficult to breathe. It burns my eyes and my nose when I breathe."						
NERO	9/7/2004	9/2/2004	UNKNOWN	Jefferson City	Cole	Burning	Anonymous Letter	SMB	
<i>Comments</i>	Conducted an on-site investigation. A trash barrel was in the front yard. There was no evidence of salvage burning in the ashes. Mr. Barnes said he burns household trash, including plastic bottles, etc. He admitted to previously burning electrical wire for salvage, but does not anymore. He now takes electrical wire to a nearby salvage yard. No violation found during the investigation. Gave Mr. Barnes a copy of the open burning fact sheets and open burning rules. Explained that all burning of salvage waste is a violation of the open burning regulations.								
<i>Comp. No.</i>	NE10244	<i>Comp. Info</i>	In crossroads subdivision on Horseshoe Road, junk vehicles are parked and junk is accumulating. A burn barrel is located in front of the house and it quite often emits the odor of burning copper.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
NERO	9/7/2004	9/7/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
Comments									
Comp. No.	NE10266	Comp. Info	On September 3, 2004, the complainant reported odors from PSF Whitetail as follows. "As I drove by the site (going east) around 4:30 a.m. on Highway 129, then again that evening around 7:00 p.m., I encountered strong gassy/lagoon odors coming off their factory farm. The odors made it very difficult to breathe. It burned my eyes and nose as I attempted to breathe."						
NERO	9/7/2004	9/7/2004	PSF VALLEY VIEW	Green City	Sullivan	Odors	Iise Christen	SMB	
Comments Conducted an on-site investigation.									
Comp. No.	NE10265	Comp. Info	On September 2, 2004, the complainant reported, "we noticed the hog smell first around 7 p.m. tonight. As the wind (from the south) decreased the stench got more intense and has been very strong ever since. The quality of it stings and burns the membranes. It makes a person cough."						
NERO	9/10/2004	9/10/2004	PSF VALLEY VIEW	Green City	Sullivan	Odors	Rolf Christen	SMB	
Comments No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.									
Comp. No.	NE10287	Comp. Info	On September 9, 2004, at 9:18 p.m., the complainant made the following report of odors from PSF Valley View. "It stinks terribly here. Not lagoons but straight hog. Very strong. Winds extremely light from the south."						
NERO	9/10/2004	9/10/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
Comments									
Comp. No.	NE10270	Comp. Info	On September 10, 2004, at 4:31 p.m., the complainant reported odors from PSF Whitetail as follows. "The odor was first noticed this morning (September 9, 2004) then it moved back in this evening, the odor is a hog manure smell there is no wind at this time."						
NERO	9/10/2004	9/10/2004	PSF PACKING PLANT	Milan	Sullivan	Odors	Terry Spence	SMB	
Comments									
Comp. No.	NE10264	Comp. Info	At 9:04 a.m. on September 10, 2004, the complainant reported, "I was asked to file four anonymous odor complaints against the PSF Processing Facility in Milan, MO for Tuesday September 10, 2004. The first complaint was at 7:30 a.m. when the odor was detected as horrible from the entrance of the facility on Highway 5 going south near the Missouri Rural Electric building. The next three separate individual complaints for the evening were between 6:30 and 9:00 p.m., when strong odors were persistent during a girls softball game being held at the ball park, directly south of the processing facility. There were various discussions among the spectators about the odor. Ball team members were noted as masking their nose's because of the strong odors."						
NERO	9/13/2004	9/13/2004	UNKNOWN	Callao	Macon	Fugitive Dust	Ruthie Janssen	SMB	
Comments Conducted an on-site investigation. Reddish dust is believed to be rust on bluegrass growing in the lawn. It was only present on bluegrass and was not present on other grasses. A close look at the grass leaves showed yellow lesions. No violation of the fugitive dust rule. Referred the complainant to the University Extension Service for confirmation of rust disease.									
Comp. No.	NE10310	Comp. Info	A reddish clay dust showed up on the grass in the complainant's yard. It was noticed on Saturday. She believes three dead animals found in her yard recently may have died from exposure to this dust. She is concerned about her son playing in the yard.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 *through* 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
NERO	9/13/2004	9/13/2004	PSF VALLEY VIEW	Green City	Sullivan	Odors	Rolf Christen	SMB	
<i>Comments</i>	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
<i>Comp. No.</i>	NE10288	<i>Comp. Info</i>	On September 10, 2004, at 8:49 p.m., the complainant made the following report of odors from PSF Valley View. "Same as last night (September 9, 2004). At sunset, winds light from the south and very strong odors here again. Straight pig, not lagoon." On September 12, 2004, at 9:19 p.m., the complainant reported, "It is Sunday evening about 8:30 p.m. Winds are from the south and there is terrible odors here at the house."						
NERO	9/14/2004	9/14/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
<i>Comments</i>	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
<i>Comp. No.</i>	NE10302	<i>Comp. Info</i>	On September 13, 2004, the complainant filed the following report of odors from PSF Whitetail. "As I was going east very early this morning then again going west this afternoon on Highway 129, I encountered strong gassy/lagoon odors coming off their factory farm. The odors made it difficult to breathe and burned my eyes and nose."						
NERO	9/15/2004	9/15/2004	PSF WHITETAIL	Unionville	Boone	Odors	Melody Torrey	SMB	
<i>Comments</i>	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
<i>Comp. No.</i>	NE10303	<i>Comp. Info</i>	On September 14, 2004, the complainant filed the following report of odors from PSF Whitetail, "As I drove by the site going west on Highway 129, I encountered strong gassy/lagoon odors. The odors made it difficult to breathe and burned my eyes and nose."						
NERO	9/15/2004	9/15/2004	PSF GREEN HILLS	Green City	Sullivan	Odors	Larry Guffey	SMB	
<i>Comments</i>	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
<i>Comp. No.</i>	NE10357	<i>Comp. Info</i>	On September 15, 2004, the complainant reported, "Just to let you know, the hog odor was very strong about 7:00 p.m. tonight. I left home, but when I go in just now, it had subsided."						
NERO	9/16/2004	9/16/2004	PSF SOMERSET	Powersville	Mercer	Odors	Conrad Eurom	SMB	
<i>Comments</i>	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
<i>Comp. No.</i>	NE10286	<i>Comp. Info</i>	The complainant reports odors from PSF Somerset on August 10, 2004, in the evening. Odors were especially sharp, or strong, on September 6, 2004, in the evening at 7:00 p.m. Odors were present all day and night on September 15, 2004, and then again this morning on September 16, 2004. By 9:30 a.m. the odors are gone.						
NERO	9/17/2004	9/16/2004	UNKNOWN	Marshall	Saline	Fugitive Dust	W David Riley	DLK	
<i>Comments</i>	No violation at the time of this investigation.								
<i>Comp. No.</i>	NE10322	<i>Comp. Info</i>	The dust is very bad from MFA, Con Agra, Ruan Trucking, and others in the area. Bees wings are very bad in the mornings and the parking lot dust is bad all day. Mr. Riley said his doctor told him that his tear ducts were getting plugged from dust and he needs to move from the area.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
NERO	9/20/2004	9/20/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
Comments	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
Comp. No.	NE10353	Comp. Info	On September 16, 2004, at 9:51 p.m., the complainant reported, "We all would like to file an odor complaint. The odor moved in this evening. The odor is strong hog manure smell at this time. The wind is very light and out of the east northeast to none at all."						
NERO	9/20/2004	9/20/2004	PSF GREEN HILLS	Green City	Sullivan	Odors	Rolf Christen	SMB	
Comments	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
Comp. No.	NE10358	Comp. Info	The complainant reports, "Avis Lunsford called Wednesday evening (September 15, 2004,) and reported strong odors around 6:15 p.m."						
NERO	9/20/2004	9/20/2004	SHAFFER-PSF CONTRACTOR	Green City	Sullivan	Odors	Rolf Christen	SMB	
Comments	Source of odors is a Class 1C CAFO, which is not subject to odor regulations.								
Comp. No.	NE10359	Comp. Info	The complainant reported odors from PSF Valley View as follows: "Debbie Jacobs called Wednesday (September 15, 2004,) around 10:00 a.m. and reported strong odors. The wind was from the west and some rather strong storms were going through the area."						
NERO	9/20/2004	9/20/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
Comments	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
Comp. No.	NE10354	Comp. Info	On September 17, 2004, the complainant filed the following report of odors from PSF Whitetail. "We all would like to file an odor complaint on the PSF Whitetail Site. The odor was still here from the night before. It was a strong hog manure smell. The odor finally left around 11:00 a.m., then came back in around 4:30 p.m. and has been out the rest of the evening. We have not been able to sit outside." On September 18, 2004, the complainant reported, "We all would like to file an odor complaint. The odor is still with us today. It has been coming and going all day. The odors are a strong hog manure smell. The wind is out of the east southeast to southeast." On September 16, 2004, the citizen reported, "We all would like to file an odor complaint. The odor moved in that evening. It was strong hog manure smell. The wind is light out of the southeast."						
NERO	9/20/2004	9/17/2004	TOM BICHSEL	Holts Summit	Callaway	Other	Chris Nagel, APCP	SMB	
Comments	Conducted an on-site investigation. Contacted Tom Bichsel at the property. An aluminum smelter is at the property. It is not being used. The gas lines are disconnected and the propane tanks removed. The company does not have plans to start using it in the future and may eventually cut it up for scrap or sell it. It was left from the last company that owned the property. Pictures were taken. No violation of Air Conservation Law or regulations.								
Comp. No.	NE10324	Comp. Info	ScrapAll Recycling has some sort of smelter or incinerator on site. Chris Nagel observed it when he took metal to the site on the weekend of September 11, 2004. It did not appear to be in operation when he observed it. Chris is the Acting Compliance Unit Chief of the Air Pollution Control Program's Compliance/Enforcement Section. His concern is that ScrapAll will use the incinerator without appropriate testing and permits. The investigator should ask ScrapAll why the device is on site and what they intend to do with it.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
NERO	9/21/2004	9/21/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
Comments	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
Comp. No.	NE10355	Comp. Info	On September 20, 2004, the complainant filed the following reports of odors from PSF Whitetail. "We all would like to file an odor complaint on the PSF Whitetail Site. The odor was still very strong at 6:00 a.m. this morning and stayed around until 9:00 a.m. The odor is a strong hog manure smell. I also talked to some folks from Iowa. They say at their house they get the odor several times a month and the odor is horrible. They have even smelled it as far as Centerville, Iowa.						
NERO	9/22/2004	9/22/2004	PSF WHITETAIL	Unionville	Putnam	Odors	Melody Torrey	SMB	
Comments	No on-site investigation made in response to this report due to the quickly changing variation in odors from changes in weather conditions and because of the one to two-day advance notice required by the lab prior to analysis of air samples. An investigation will be scheduled during the next on-site investigation of this facility.								
Comp. No.	NE10356	Comp. Info	On September 22, 2004, the complainant reported odors from PSF Whitetail as follows: "The odor moved that evening. I was working in the shop and was forced to go in the house due to the odor. The odor is a strong hog barn/hog manure smell. There is very little to no wind."						
NERO	9/27/2004	9/27/2004	GLENN BACKES	Bonnots Mill	Osage	Odors	Wilber Treon	DLK	
Comments	Mr. Backes operates a Class 2 CAFO and according to the department's records this CAFO feeds 820 hogs total (600 adult finish hogs, 20 sows, 200 piglets). Mr. Backes CAFO has a general water pollution permit. Only Class 1A CAFO's are regulated by the department's Air Pollution Control Program. A Class 1A CAFO would consist of at least 17,500 adult finish hogs.								
Comp. No.	NE10346	Comp. Info	Very bad odor and fleas from a confined animal feeding operation (CAFO) consisting of three barns. Mr. Treon purchased his property approximately three months ago and did not know the CAFO existed. Mr. Treon attempted to live with the odor, but cannot any longer.						
NERO	9/29/2004	9/28/2004	RONNY KRAUS	Memphis	Scotland	Burning	Sheriff Bill Holland	SMB	
Comments									
Comp. No.	NE10368	Comp. Info	The complainant reports incineration and nuisance odors.						
NERO	9/29/2004	9/29/2004	DWANE SIZEMORE	Hurdland	Adair	Burning	Bill Magee	SMB	
Comments									
Comp. No.	NE10365	Comp. Info	The complainant stated trash was being burned by Mr. Sizemore, owner of a junk yard, around midnight on September 24, 2004,. The fumes were extremely noxious.						
NERO	9/29/2004	9/28/2004	RONNIE KRAUS	Memphis	Scotland	Burning	Anonymous	SMB	
Comments									
Comp. No.	NE10361	Comp. Info	Complainant reported open burning of tires in a junk yard. The complainant stated the junk yard had two fires today. Burning occurs frequently.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SERO		9/16/2004	RON SELLS	Dexter	Stoddard	Other	Larry Delar		
Comments									
Comp. No.	SE4237	Comp. Info	Ron Sells sold dirt to Wal-Mart to help build up the ground where the new Wal-Mart is being built. The construction crew is stirring up dust so bad, you can not breathe while outside.						
SERO		9/17/2004	MONROE TERRACE APTS.	Desloge	St. Francois	Other	Jesse Hedgecorph		
Comments									
Comp. No.	SE4243	Comp. Info	Complainant states the garbage being dumped by residents of the Monroe Terrace Apartments in the dumpster across from his patio is causing him breathing problems. The smell from the garbage is horrible and he cannot enjoy sitting on his patio because of the smell. He is a throat cancer survivor and his cancer doctor says he needs to be around clean air, not polluted air.						
SERO		9/17/2004	ST.FRAN.CO. HWY DEPT.	Desloge	St. Francois	Other	Jesse Hedgecorph		
Comments									
Comp. No.	SE4244	Comp. Info	Complainant states they are tearing up asphalt on the street beside his house (on Highway 8), and causing dust and horrible odors from burning asphalt. He can not sit on his patio because of it. He is a throat cancer survivor and his cancer doctor told him to breathe only clean air, not polluted air.						
SERO		9/21/2004	JON RUDOLF	Richwoods	Washington	Other	Anonymous		
Comments									
Comp. No.	SE4264	Comp. Info	Complainant reports motorcycle and ATV races are ran everyday and creating dangerous dust and smoke. Also, as many as 500 people are using one outhouse, creating a stench that is undesirable.						
SERO		9/24/2004	A-Z SALVAGE/JERRY GARRETT	Poplar Bluff	Butler	Other	Mary Ann Cox		
Comments									
Comp. No.	SE4272	Comp. Info	Complainant used to burn tires for Mr. Garrett. Now he has someone else burning them for him. He pays so much per tire.						
SERO		9/12/2004	JERRY PURTLE	Delta	Cape Girarde	Other	Jim Blue		
Comments									
Comp. No.	SE4223	Comp. Info	Complainant states the reported party is burning carpet, asbestos and asphalt shingles.						
SERO		9/27/2004	DEAN SWALLOWS	Dexter	Stoddard	Other	Al Banken		
Comments									
Comp. No.	SE4278	Comp. Info	The complainant states the reported party had a Mr. Vernon Hampton burn down his trailer. Mr. Hampton was in the process of doing this when the fire and police department arrived and put out fire.						

*Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report*

Dates Received or Inspected: 9/1/2004 *through* 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SERO		9/23/2004	SEAN CATO	Perryville	Perry	Burning	Robert Moll		
<i>Comments</i>									
<i>Comp. No.</i>	SE4270	<i>Comp. Info</i> The complainant states the reported party owns a tree trimming and stump removal business. The reported party brings the material and is burning it in a sinkhole approximately 200 yards from the complainant's home.							
SERO		9/29/2004	DAVID BOSLEY	Fredericktown	Madison	Other	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SE4310	<i>Comp. Info</i> The reported party is clearing land and burning the brush. Smoke so thick you can not breathe.							
SERO		9/29/2004	MR. BOSLEY	Fredericktown	Madison	Other	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SE4312	<i>Comp. Info</i> The complainant reports Mr. Bosley is clearing some land in the Pine Castle Estates Subdivision and has two huge fires going. He is burning trees and shrubs. The smoke is so thick and extreme you can not see the road and the ashes are covering everything including sidewalks and decks.							
SERO		9/29/2004	DAVE BOSLEY	Fredericktown	Madison	Other	John Wright		
<i>Comments</i>									
<i>Comp. No.</i>	SE4314	<i>Comp. Info</i> The complainant states Mr. Bosley is clearing land in the Pine Castle Estates Subdivision. He has two piles of trees burning. Ash is covering everything in the complainant's yard (his pool and deck). The complainant said the smoke is brown and thick and is concerned about the air quality. Especially for the elderly people in the subdivision. The smoke is so thick you can not drive through it.							
SERO		9/30/2004	LEADBELT MATERIALS	Park Hills	St. Francois	Other	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SE4316	<i>Comp. Info</i> The air has chemicals in it from the factory that makes black top.							
SERO		9/28/2004	RONNIE PRICE	Caruthersville	Pemiscot	Other	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SE4320	<i>Comp. Info</i> Dumping and burning demolition waste.							
SERO		9/24/2004	MR. DEREK HEDGES	Richland	Pulaski	Other	Anonymous		
<i>Comments</i>									
<i>Comp. No.</i>	SE4276	<i>Comp. Info</i> The open burning of a garage with asbestos siding and tile. Local fire fighters put out fire (see report).							

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 *through* 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SERO		9/7/2004	MR. TODD ROPP	Jackson	Cape Girarde	Other	Anonymous		
Comments									
Comp. No.	SE4184	Comp. Info Asbestos containing, or slate shingle roofing is being removed from a residence in Cape Girardeau and being dumped into a creek bed.							
SERO		9/8/2004	CARTER'S FURNITURE STORE	Bernie	Stoddard	Other	Anonymous		
Comments									
Comp. No.	SE4197	Comp. Info The owner's of Carter's Furniture Store, which burned about a month ago, is dumping trash into a big hole and burning it. They have four junk trailers filled with trash. They dumped the debris from the ruins of the burnt store and piled it around complainant's house.							
SERO	9/1/2004	9/1/2004	RAY RAINS	Wappapello	Butler	Other	Anonymous	JC	
Comments On September 1, 2004, I spoke with Mr. Ray Rains of Ray's Speedie Pizza and Speedie Cone. Mr. Rains said he was the last to leave the diner the previous night. Mr. Rains stated none of his employees or himself burned anything. Mr. Rains also mentioned he has been saving boxes for his parents, who are moving into senior citizen housing, and the diner has not been putting any boxes in the dumpster. There was a small area by the dumpster where something had been burned. However, there was not an accumulation of debris from previous burnings. Mr. Rains also stated he currently has a lawsuit against his adjacent neighbor, Mr. Don Lynn, who the department recently issued notice of violation (NOV) #3097SE for Open Burning boxes. Mr. Lynn owns a tavern and a competing Pizza Diner (Mama's Pizza). Mr. Rains said he would clean up the mess on the property and would report to us any other burning that may occur. An NOV was not issued at this time. Mr. Rains believes the neighbor set a fire on his property so Mr. Rains would receive an NOV. Mr. Rains said he would have a meeting with all employees and remind them of the open burning regulations. Mr. Rains also said if this continues to occur he would call our office and the sheriff and file a report for destruction of property.									
Comp. No.	SE4152	Comp. Info The complainant reports Ray Rains of Rays Speedy Pizza is burning boxes.							
SERO	9/1/2004	8/10/2004	VILLAGE ON THE GREEN	Sullivan	Crawford	Odors	James Oshia	WS	
Comments The dumpster is an eight cubic yard receptacle (covered by three lids) located on the east side of the apartment complex parking area and adjacent to the complainants property. A seven foot high wood fence, approximately 18 feet long, and shrubbery shields the dumpster from the adjacent private property. At the time of the investigation, the dumpster lids were closed and no discernible odors were detected near the dumpster or at the property line. Recommended the apartment complex advise its residents to keep the lids closed at all times except to place refuse into the dumpster. If odors become prevalent, spraying the inside of the dumpster with a bleach solution may help control odors.									
Comp. No.	SE4077	Comp. Info Horrible odor caused by a dumpster for a large subdivision. The dumpster is placed to close to property line. Dumped twice weekly.							
SERO	9/7/2004	9/7/2004	ROYAL OAK ENTERPRISES	Raymondville	Texas	Odors	Mrs. Janette Cole	WS	
Comments Royal Oak Enterprises-Thomason Charcoal Company, under a written agreement with the U.S. Environmental Protection Agency (EPA), is allowed to operate eleven of their thirteen kilns without controls until July 1, 2005, UNELSS Royal Oak identifies the Thomason Kilns as part of the 16 kilns required for removal from service for next year. At which point those kilns must be shut down by January 1, 2005. Under the EPA/Royal Oak agreement the operable kilns are allowed to operate without controls and with exemptions from the odor and opacity rules for the state of Missouri. The facility was inspected in conjunction with the investigation of this complaint and was in compliance with permit conditions. No kilns were actually burning at the time of the inspection. All were in cool down or loading/unloading phases. No violation for opacity or odors and the facility was in compliance with their permit conditions.									
Comp. No.	SE4204	Comp. Info Odors from burning at a charcoal plant on Highway B (Royal Oak Enterprises-Thomason Charcoal) are very bad at times when the wind is blowing in a southerly direction. During those periods, the complainant has to keep the windows shut during evening hours, and occasionally put their pets in the garage because of the smoke and smell.							

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SERO	9/8/2004	9/3/2004	JOHN HEACOCK	Blackwell	Washington	Burning	Charlie Furgeson	DRL	
Comments	No burning was observed and no burn pile could be seen from the reported party's drive way. No one home. No further action.								
Comp. No.	SE4175	Comp. Info	Complainant states the reported party is burning mulch. The reported party owns a tree topping business and is burning the mulch causing odors and particulate problems.						
SERO	9/8/2004	7/20/2004	B&D SALVAGE YARD	Mineral Point	Washington	Burning	William Cook	DRL	
Comments	It appears to be closed. Gates were locked and no one was around. No recycling materials were on the site. No further action.								
Comp. No.	SE3961	Comp. Info	The complainant states that new owners of B&D Salvage Yard (formerly the old Dresser Mill) have been burning tires, debris and motor oil for over a week. The smoke and flames have been horrible. The complainant has respiratory problems and is on oxygen.						
SERO	9/9/2004	8/20/2004	UNKNOWN	Dexter	Stoddard	Other	Betty Gardner	DRL	
Comments	The insulation is gone. No further action.								
Comp. No.	SE4125	Comp. Info	Complainant states the reported party has piled insulation near a shed on the property behind her trailer house. There is a horrible chemical odor, which is causing her trouble breathing.						
SERO	9/10/2004	9/10/2004	UNKNOWN	Houston	Texas	Other	Anonymous	WS	
Comments	Royal Oak Enterprises-Thomason Charcoal Company, under a written agreement with the U.S. Environmental Protection Agency (EPA), is allowed to operate eleven of their thirteen kilns without controls until July 1, 2005, UNLESS Royal Oak identifies the Thomason Kilns as part of the 16 kilns required for removal from service for next year. At which point those kilns must be shut down by January 1, 2005. Kilns #6 and #6A have been removed from service. The facility inspection was in conjunction with the investigation of this complaint and was in compliance with permit conditions. No kilns were actually burning at the time of the inspection. All were in cool down or loading/unloading phases. The complainant was advised of the EPA agreement and temporary exemptions from the odor and opacity rules. No violation for opacity or odors and facility was in compliance with their permit conditions.								
Comp. No.	SE4213	Comp. Info	A charcoal plant has bad pollution coming from it. The complainants can not breathe in their own house. Making them sick. Outside is just as bad.						
SERO	9/14/2004	9/10/2004	PULASKI COUNTY COMMISSION	Waynesville	Pulaski	Burning	Anonymous	WS	
Comments	Photos and article by the Waynesville Daily Guide newspaper document violations of the Open Burning Regulations by Pulaski County Commissioners and other county staff. Recommended a letter of warning be sent to the presiding Pulaski County Commissioner, Tony Crismon (this is the person documented by photograph as applying the accelerant and the property owner where violation took place), requiring a written response concerning compliance with the Open Burning Rule in the future.								
Comp. No.	SE4217	Comp. Info	The county commissioners burn medical records and construction waste.						
SERO	9/14/2004	9/3/2004	UNKNOWN	Mountain View	Howell	Other	Bill Echols	JC	3152
Comments	Malfunction log indicated the afterburner was not working and the kilns were open burning on several days during August. Notice of Violation #3152SE issued.								
Comp. No.	SE4178	Comp. Info	Bad smoke in the air the last five mornings. Complainant not sure of source. Suspects Royal Oak Charcoal.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SERO	9/15/2004	9/15/2004	RON SELLS	Dexter	Stoddard	Fugitive Dust	Toby and Peggy Arngel	JC	
Comments	A Notice of Violation (NOV) #3150SE was issued to Ron Sells and NOV #3151SE was issued to C&M Contractors. Both responsible parties agreed to put several loads of gravel down on the haul road and begin daily watering of the haul road.								
Comp. No.	SE4228	Comp. Info	Ron Sells sold dirt to a company and they are stirring up the dust so bad the complainant can not breathe while outside. Dust is coming into the house as well.						
SERO	9/15/2004	9/3/2004	UNKNOWN CONSTRUCTION CO.	Dexter	Stoddard	Fugitive Dust	Larry Delay	JC	
Comments	Issued notice of violation #3150SE to Ron Sells. Issued notice of violation #3151SE to C&M Contractors. Both agreed to put several loads of gravel down on the haul road and start daily watering of the haul road.								
Comp. No.	SE4176	Comp. Info	Complainant states there is a one-inch thick dust from where a construction crew is digging a hole for a new Wal-Mart.						
SERO	9/15/2004	9/15/2004	RON SELLS	Dexter	Stoddard	Fugitive Dust	Linda Collier	JC	
Comments	Issued Notice of Violation (NOV) #3150SE to Ron Sells, and issued NOV #3151SE to C&M Contractors. Both agreed to put several loads of gravel down on the haul road and begin daily watering of the haul road.								
Comp. No.	SE4232	Comp. Info	Dust on Two Mile Road is bad. The complainant says the city tried to water it to keep dust down and does not believe tax payers should have to pay for this when the property owner is getting paid for the dirt.						
SERO	9/15/2004	9/13/2004	RON SELLS	Dexter	Stoddard	Fugitive Dust	Shirley Gully	JC	
Comments	Issued notice of violation #3150SE to Ron Sells. Issued notice of violation #3151SE to C&M Contractors. Both agreed to put several loads of gravel down on the haul road and begin daily watering of the haul road.								
Comp. No.	SE4221	Comp. Info	Dust is terrible. Causing health problems.						
SERO	9/15/2004	9/7/2004	RON SELLS	Dexter	Stoddard	Fugitive Dust	Mary Lou Taylor	JC	
Comments	Notice of violation #3150SE issued to Ron Sells. Notice of violation #3151SE issued to C&M Contractors. Both agreed to put down several loads of gravel and begin daily watering of the haul road.								
Comp. No.	SE4182	Comp. Info	Terrible dust from moving dirt off property. Dust is covering complainant's truck and home. Dirt removed is taken to the new Wal-Mart site.						
SERO	9/17/2004	9/17/2004	UNKNOWN	New Madrid	New Madrid	Burning	Paula Pearson	AB	
Comments	Agriculture burning exempt from regulations.								
Comp. No.	SE4246	Comp. Info	Terrible smoke from burning corn fields.						
SERO	9/17/2004	9/16/2004	FEDERAL MOGUL CORP	Malden	Dunklin	Burning	Anonymous	AB	se312
Comments	Contacted Mr. Francis Lundy, the Environmental Manager for Federal Mogul. Mr. Lundy was unaware of any burning at the time of my telephone call. Mr. Lundy called me back to report the burning did occur and Mr. Dave Whaley, Plant Manager, authorized the burning. Mr. Whaley has since been fired. Issued Notice of Violation #3121SE for open burning of trade waste.								
Comp. No.	SE4234	Comp. Info	Open burning of 200 plus pallets and crates on company property on Sunday, September 12, 2004, and Monday, September 12, 2004, behind the maintenance area.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 *through* 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SERO	9/20/2004	9/20/2004	CITY OF POPLAR BLUFF	Poplar Bluff	Butler	Burning	Anonymous	DRL	
<i>Comments</i> The City of Poplar Bluff has a permit from the department to open burn vegetative waste from the citizens of Poplar Bluff.									
<i>Comp. No.</i>	SE4249	<i>Comp. Info</i> The city dump is burning and the smoke is so bad it is in the complainant's home.							
SERO	9/20/2004	9/20/2004	CITY OF POPLAR BLUFF	Poplar Bluff	Butler	Burning	Dawsey Rice	DRL	
<i>Comments</i> The city has a permit from the department to open burn vegetative waste brought to the site by the citizens of Poplar Bluff. A field visit was made at approximately 2:00 p.m. on September 20, 2004. No violations. No further action.									
<i>Comp. No.</i>	SE4251	<i>Comp. Info</i> The city dump is burning. The smoke is bad. The complainant can not breathe in own home.							
SERO	9/20/2004	9/20/2004	CITY OF POPLAR BLUFF	Poplar Bluff	Butler	Burning	Anonymous	DRL	
<i>Comments</i> The City of Poplar Bluff has a permit from the department to burn vegetative wastes from citizens of Poplar Bluff.									
<i>Comp. No.</i>	SE4247	<i>Comp. Info</i> The city dump is burning. The smoke is so thick you can not breathe.							
SERO	9/22/2004	9/21/2004	UNKNOWN	Willow Springs	Howell	Burning	Anonymous	DRL	
<i>Comments</i> Spontaneous combustion/burning sawdust piles at abandoned saw mills is not regulated. No further action.									
<i>Comp. No.</i>	SE4257	<i>Comp. Info</i> The complainant reports an abandoned sawdust pile has been on fire for at least two weeks. The smoke has a blue haze and is all over the area, making it hard to breathe and drive on the highway. Also, the trees around the area are all drying out and dying. There is a nearby business where the employees are exposed to this smoke.							
SERO	9/22/2004	9/22/2004	UNKNOWN	Dexter	Stoddard	Burning	Dr. Donald Raithel	AB	
<i>Comments</i> Agriculture burning is exempt from regulations.									
<i>Comp. No.</i>	SE4267	<i>Comp. Info</i> Smoke from burning fields is terrible.							
SERO	9/22/2004	9/21/2004	STE. GENEVIEVE HIGHWAY DE	Ste. Genevieve	Ste. Geneviev	Fugitive Dust	Sandra Cashion	DRL	
<i>Comments</i> Dust on county roads is not regulated regardless of the composition.									
<i>Comp. No.</i>	SE4259	<i>Comp. Info</i> The county puts down limestone rock onto the roads. After approximately a week this limestone pulverizes and it becomes a dust that gets all over the vehicles, yards, trees, and houses. The complainant states it has to be unhealthy.							
SERO	9/29/2004	9/28/2004	RANDY MCCLOUD	Hayti	Pemiscot	Open Dumps	Ed Dickey	DRL	
<i>Comments</i> A pickup load of material from the burned tire shop was dumped on a parcel of property belonging to Ed Dickey. Mr. Dickey gave Mr. McCloud permission to enter his property and remove the waste. Mr. McCloud gave some metal to a hauler named "Willie" and he may have dumped the material as he only hauls in a pick up. Mr. McCloud said he would see the material was removed to the transfer station by Friday October 1, 2004. The remainder of the waste was sent to the transfer station, and receipts were faxed to the Southeast Regional Office from the transfer station. No further action.									
<i>Comp. No.</i>	SE4293	<i>Comp. Info</i> The complainant states Randy McCloud has been hauling in and dumping burned cinders and other material from a burned building (Greer's Tire) on the back portion of his property.							

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SERO	10/1/2004	9/28/2004	CHARLES HUNGE, J.W. STRAC	Cape Girardeau	Cape Girarde	Fugitive Dust/Particulate/Burning	Mike Morgan	AW	
Comments	At this time no smoke observed and no ash in the air. The local fire department informed them to use blowers and try not to burn so much material at one time. Informed Mike Morgan of the Cape Fire Department they are required to operate the air curtain distructor unit as stated in the permit. Mr. Morgan stated he would inform Mr. Strack to implement the blowers and if they did not, then Mr. Morgan was told to tell them we could revoke their permit. On October 1, 2004, I called Fire Chief (Marshall) and he informed me Mr. Strack had been having trouble with the air curtain distructor. He said they activated the blowers, brought in an additional unit on Thursday, September 30, 2004, and were burning smaller piles of brush. At this time, it appeared all was going well.								
Comp. No.	SE4326	Comp. Info	J.W. Strack (Charles Hunge has a burn permit from the department) is burning. The reported party is not using blowers on the unit. Smoke and ash are going into the ambient air. The reported party is trying to burn a large amount at one time. The Cape Fire Department went by. The unit not being supplemented with blower was shut off.						
SERO	10/4/2004	9/29/2004	STODDARD COUNTY GIN	Bernie	Stoddard	Fugitive Dust	Cathy Stanfield	JC	
Comments	Did not observe the dust blowing off the property. A compliance inspection was completed and the haul roads, parking areas and module storage area were extremely dry. Facility immediately responded and began applying water to the haul roads, the module storage areas and the parking areas. It has been over eight weeks since the last significant rainfall. Continue to observe when in the area.								
Comp. No.	SE4306	Comp. Info	Stoddard County Gin is covering local homes with cotton and dust from the gin and from trucks driving into the field nearby the complainant's home to unload bales. Cotton has covered complainant's screened in porch.						
SERO	10/4/2004	9/22/2004	ROY LANG	Cherryville	Crawford	Other	Anonymous	GAG	
Comments	I contacted Mr. Lang who said he knew waste tires should not be burned, and had no intention of doing so. He said he is trying to build a tire cutter. He would like to haul in more tires, but I warned him if the machine did not work, he would still have to dispose of the tires. I also advised him he should get a permit and talk with the SWMP about other requirements. The waste tire fee is lapsed, thus causing the loss of staff to perform waste tire activities.								
Comp. No.	SE4266	Comp. Info	The complainant's neighbor is collecting tires. He has approximately 300 to 400 tires. He says he is going to burn them. There is a sinkhole approximately 50 to 100 feet from the tires. Complainant requests Mr. Lang be warned not to burn tires.						
SERO	10/4/2004	9/22/2004	UNKNOWN	St. Robert	Pulaski	Burning	Anonymous	WS	
Comments	Since burn was complete and contractor had sought verbal permission from all the occupants within the 200 yard buffer, I informed the contractor he would receive a letter of warning requiring a written reply for future compliance. Any future burns within the 200 yards buffer zone would require a land clearing burn permit with specific requirements. If the contractor did not want to request a permit, he would need to insure that any burning is outside the municipality limits and beyond 200 yards from occupied structures. The burn was in a deep ravine at the rear of the building sites. I informed Mr. Dalgetty the regulations require a burn permit if within 200 yards of any occupied structure and usually an air curtain distructor is required.								
Comp. No.	SE4261	Comp. Info	Hunge Construction has started burning a large area of trees.						
SERO	10/4/2004	9/29/2004	STODDARD COUNTY GIN	Bernie	Stoddard	Fugitive Dust	Linda Young	JC	
Comments	Did not observe the dust blowing off the property. A compliance inspection was completed and the haul roads, parking areas and module storage area were extremely dry. Facility immediately responded and began applying water to the haul roads, the module storage areas and the parking areas. It has been over eight weeks since the last significant rainfall. Observed again on October 6, 2004, at 2:30 p.m.. Haul Roads, Parking and module storage areas had been watered recently. Continue to observe when in the area.								
Comp. No.	SE4308	Comp. Info	Stoddard County Gin is stirring up dust and cotton is gathering on complainant's windows						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SLRO	9/1/2004	8/31/2004	TITAN HOMES INC	St. Peters	St. Charles	Asbestos	Anonymous	PJD	2129
Comments	The house at 1502 Belleau Creek Road is already demolished. Other houses to be demolished include 1404, 1406, 1500, and 1504 Belleau Creek Road. The developer is Titan Companies and the demolition contractor is McKinney Trucking & Backhoe Service. Issued Notice of Violation (NOV) #2129SL to Titan Companies and issued NOV #2130SL to McKinney Trucking & Backhoe Service for violation of 10 CSR10-6.080 "Emissions Standards for Hazardous Air Pollutants." House #1500 contains 11' X 21" of 9"X9" floor tile in the front room off of the garage.								
Comp. No.	SL031500	Comp. Info	Five houses being demolished in the 1400 block of Belleau Creek in O'Fallon without concern for asbestos.						
SLRO	9/1/2004	8/30/2004	MCKINNEY TRUCKING	St. Peters	St. Charles	Burning	Anonymous	TJM	
Comments	The solid waste issue is to be addressed by the St. Charles County Environmental Services under county jurisdiction. The other solid waste issues not covered under state regulations are pending county investigation. Tom Wagner of St. Charles County Environmental Services will address county regulatory concerns. Open burning per the fire protection district last occurred in February of 2004. No recent open burning complaints on Mr. McKinney have been received since February of 2004. No further action necessary.								
Comp. No.	SL031525	Comp. Info	The complainant alleges the reported party is transporting construction waste onto the reported party's property and disposing of the waste by burning and burying the material. The material includes construction, demolition and vegetative waste.						
SLRO	9/14/2004	9/14/2004	SEMKE GRADING	Town and Country	St. Louis	Burning	Jose Williamson	TJM	
Comments	No further action necessary.								
Comp. No.	SL031532	Comp. Info	Burning vegetation with an air curtain destructor. The complainant stated he thought it was outrageous that we permitted people to clear 50 acres of land and burn all the vegetation. The complainant indicated he did not observe fugitive ash or excessive smoke after start-up. I explained the air curtain distructor process and standard operating procedures. I also explained the power the local authorities had to void our burn permit.						
SLRO	9/15/2004	9/10/2004	SEMKE GRADING	Town and Country	St. Louis	Fugitive Dust	Ms. Kathy Beckler	TJM	
Comments	A large number of complaints resulted in the permit not being extended.								
Comp. No.	SL031538	Comp. Info	Fugitive ash from an air curtain destructor. Operation is reportedly landing on cars traveling along Weidman Road. The complainant's husband has asthma.						
SLRO	9/16/2004	9/16/2004	KOLB	St. Charles	St. Charles	Particulate	Larry	PJD	
Comments	Suggested that due to tightness of site maybe hold-off or not burn when the wind is blowing to the west. Also may shut down if wind velocity greater than 10 mph to the west. Watch wind when opening the pit in the morning.								
Comp. No.	SL031537	Comp. Info	Open burning creating a terrible amount of debris/ash fallout. The fallout was terrible on Friday and bad on Monday and Tuesday.						
SLRO	9/22/2004	9/21/2004	J.H. BERRA CONSTRUCTION	St. Louis	Jefferson	Fugitive Dust	Ed Roberts	KJA	
Comments	Dust origination appeared to be from the entire site and not restricted to haul roads where controls may be implemented. The situation was discussed with the complainant. Left a message for Mr. Gerling concerning the issue with a request to act in an appropriate manner to minimize dust generation. Complainant asked to contact the St. Louis Regional Office if the amount of dust does not abate somewhat from the current amount. The area needs rain. Drought conditions have prevailed for several weeks. No further action necessary at this time.								
Comp. No.	SL031555	Comp. Info	Construction company preparing a site for a subdivision is creating an excessive amount of dust. Dust is leaving the property and settling on adjoining properties.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SLRO	9/28/2004	9/24/2004	UN-NAMED	Berkeley	St. Louis	Toxics/Other	Anonymous	KJA	
Comments	Found no direct evidence to validate the complaint. The complainant indicated the activities detailed within the complaint are apparently done in plain view with no attempt by the reported parties to hide it. There does not appear to be any visible evidence. If complainant contacts the department again, an attempt should be made to get additional information on the reported parties (re: exact addresses), or have the complainant physically show an investigator which sites are involved with the salvaging. No further action planned.								
Comp. No.	SL031563	Comp. Info	See attached. The complainant alleges two sources are salvaging refrigerators and air conditioning units allowing chlorofluorocarbons to vent into the ambient air. Located at 9000 block of Stansberry and 6010 Hancock in the city of Berkley.						
SWRO		9/29/2004	UNKNOWN	Mountain Grove	Wright	Open Dumps/Burning	Anonymous		
Comments									
Comp. No.	SW5807	Comp. Info	Rental property used for dumping and burning. Most recent burning started Saturday, September 25, 2004. Smells like tar and is still smoking.						
SWRO		9/28/2004	CITY OF HOLLISTER WWTF	Hollister	Taney	Odors	Anonymous		
Comments									
Comp. No.	SW5800	Comp. Info	Odors from the waster water treatment facility.						
SWRO		9/24/2004	BAY VALLEY CONSTRUCTION	Carthage	Jasper	Fugitive Dust	Penny Moorehouse-Coates	CCD	
Comments									
Comp. No.	SW5794	Comp. Info	Dirt from Bay Valley Construction site for new gated community is covering the house inside and out. Shoes once white are now brown. Started September 3, 2004. Dirt is now on the window sills. Every where was spotless when the complainant bought the house new at the first of the month, but no longer. When working outside the complainant can not see neighbor's house due to dust/dirt.						
SWRO		9/21/2004	MASTER TRANSMISSION	Fairview	Newton	Waste Oil/Other	Bonnie Delano	DWA	
Comments									
Comp. No.	SW5779	Comp. Info	Burning oil and solid waste outside.						
SWRO		9/15/2004	BILL WHEELER, OWNER	Crane	Newton	Fugitive Dust	Mrs. James Frazier	CCD	
Comments									
Comp. No.	SW5763	Comp. Info	Dust blowing from topsoil removal business onto adjacent property.						
SWRO		9/17/2004	EVERETT LAWSON	Billings	Christian	Burning	Anonymous	JDG	
Comments									
Comp. No.	SW5770	Comp. Info	Dumping and burning demolition debris.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SWRO		9/20/2004	UNKNOWN	Stafford	Webster	Burning	Anonymous	JDG	
Comments									
Comp. No.	SW5772	Comp. Info Owner burned parts of mobile homes earlier this summer. Now has another large pile of trade waste and vegetation. Pile is located within 50 yards of inhabited mobile home. The burn pile is very large. Contains at least one 55 gallon steel drum.							
SWRO		9/3/2004	ROGER SUMNERS	Carthage	Jasper	Odors	Anonymous	GRP	
Comments									
Comp. No.	SW5738	Comp. Info Extremely strong odors coming from compost area. Complainant states they have been in turkey farming area and this odor is much worse than what they have smelled elsewhere. Complainant said it was strong enough to make it almost impossible to breathe.							
SWRO		9/1/2004	DAN KOCH	Lake Ozark	Camden	Burning	Anonymous	RAB	
Comments									
Comp. No.	SW5728	Comp. Info Burning of creosote treated railroad ties along with household waste.							
SWRO	9/2/2004	9/1/2004	JIM DAVIS	Springfield	Greene	Burning	Charles Walker	RAB	
Comments In side the city, referred to the Springfield-Greene County Health Department's Air Pollution Control Authority.									
Comp. No.	SW5724	Comp. Info Burning of construction waste. Darrell Duquette with Springfield has been on site 573-874-1206. Station #8 has responded the last two nights.							
SWRO	9/2/2004	9/2/2004	MOARK CROWDER	Neosho	Newton	Odors	Anonymous	GRP	
Comments See inspection report on MoArk seven farms. No apparent reason for odors, pits are empty. Wind was out of the east. No violation. No further action necessary.									
Comp. No.	SW5734	Comp. Info Odors are bad.							
SWRO	9/2/2004	9/1/2004	LOG HOME BUILDER	Ridgedale	Taney	Burning	Anonymous	DL	
Comments Dan Leyland, of the Southwest Regional Office, spoke with Neil and Judy Angerman, owners of Modern Log Homes, regarding the complaint. There was no open burning of trade/construction waste on the property where three log homes are located. All trade waste/construction waste is sent to the Taney County Transfer Station north of Branson. There was no evidence of the open burning of construction waste.									
Comp. No.	SW5730	Comp. Info Open burning construction waste (plywood, 2x4, 2x6, parts of logs, etc.).							
SWRO	9/2/2004	9/2/2004	MOARK CROWDER	Neosho	Newton	Odors	Anonymous	GRP	
Comments All pits are empty. Inspected for quarterly inspection. There is not enough manure in all 22 pits to fill one 18 wheeler dump truck. Odors may be from FAB. All manure from this farm goes through FAB or a composter. Wind is from the east. No violation observed.									
Comp. No.	SW5792	Comp. Info Odors are bad.							

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 **through** 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SWRO	9/2/2004	8/31/2004	UNKNOWN	Sarcoxie	Jasper	Odors	Billie Hight	PFV	
Comments	This is an agricultural exemption not Class 1A. No violation. Recommend the complainant call the City of Sarcoxie for help.								
Comp. No.	SW5720	Comp. Info	70-100 chickens in Sarcoxie. Odor problems. Call before come.						
SWRO	9/7/2004	9/1/2004	MORROW TREE SERVICE	Springfield	Greene	Burning	Molly Bolling	JDG	
Comments	No violation observed. No open burning occurring. Spoke with Molly Bolling during investigation. I told her what Mr. Morrow could and could not burn. She said he had not burned for many months but she thought he was going to. No further action necessary at this time. Since there was not any burning, I did not contact Mr. Morrow. See also: Complaint #SW004615.								
Comp. No.	SW5727	Comp. Info	Burning commercial tree waste.						
SWRO	9/8/2004	9/8/2004	RIVER VALLEY ANIMAL FOODS	Noel	McDonald	Odors	Rod Lett/Wayside Campground	PFV	
Comments	On September 8, 2004, James Couch with Tyson called and said their odor neutralizer chemical feeder malfunctioned and did not work automatically. Therefore they were adding the neutralizing chemical manually. Occasionally, there would be short episodes of strong odors leaving the plant. No inspectors available to inspect Tyson at that time. By 4:00 p.m. that day the automatic feed was fixed. Continue routine surveillance. No odor on September 10, 2004. No violation at this time.								
Comp. No.	SW5750	Comp. Info	Odor from protein plant.						
SWRO	9/14/2004	9/10/2004	UNKNOWN	Ridgedale	Taney	Burning	Anonymous	JDG	
Comments	No violation observed. No open burning observed. 269 Idelwild has a gated drive and the gate was locked. Could not contact the reported party. No further action recommended at this time.								
Comp. No.	SW5751	Comp. Info	Open burning construction waste.						
SWRO	9/15/2004	9/9/2004	MIDWEST MINERALS	Jasper	Barton	Waste Oil	Cheryl Quillian	RAB	
Comments	No violation. The plant was not in operation at the time of investigation. Plant is approximately 350 feet from the west property line. However, no set back distance is in the permit. Midwest minerals agreed to build a berm to reduce the runoff of silt to the south west.								
Comp. No.	SW5746	Comp. Info	Oil/transmission fluid on the ground.						
SWRO	9/23/2004	9/17/2004	UNKNOWN	Joplin	Newton	Open Dumps/Burning	Anonymous	DWA	
Comments	Mr. Franklin, Red Carpet Real Estate, Neosho, MO is developing the property. He has put a new road onto the property. He plans to build several houses there. At the entrance to the property is a brush pile where promiscuous dumping has taken place. I asked Mr. Franklin to place 'No Dumping' or 'No Trespassing' signs on the property. Mr. Franklin plans to remove and properly dispose of the waste.								
Comp. No.	SW5768	Comp. Info	Large amount of trash being dumped onto property. A 300 foot circle also partially burned.						

Department of Natural Resources
Air and Land Protection Division
Monthly Air Pollution Control Program Detail Report

Dates Received or Inspected: 9/1/2004 *through* 9/30/2004

<i>Region</i>	<i>Inspection Date</i>	<i>Date Received</i>	<i>Suspected Source Owner/Operator</i>	<i>City</i>	<i>County Name</i>	<i>Type of Complaint</i>	<i>Complainant</i>	<i>Inspector Initials</i>	<i>NOV</i>
SWRO	9/24/2004	9/24/2004	EVERETT-UNKNOWN	Billings	Christian	Burning	Brandon Maggard	PFV	
<i>Comments</i>	No burning at the time of investigation. Jonathan Garoutte investigated the site on September 23, 2004, and did observe illegal open burning of demolition waste. Jonathan Garoutte will complete the investigation. Please see Complaint #SW5770.								
<i>Comp. No.</i>	SW5789	<i>Comp. Info</i>	Every evening for two or three weeks the reported party burns shingles, house waste, and asbestos siding and spreads out the ashes. Then starts over the next evening. Hard to breathe, especially for elderly grandparent living with the complainant. The debris that he burns is behind his trailer.						

SETTLEMENT UPDATE

October 13, 2004

AGREEMENT ACHIEVED

Violation	Name	Negotiations Initiated	Paid Amount	Penalty Suspended
Asbestos				
	American Asbestos, Inc.	06-04-04	\$7,500	\$0
	Buckhorn First Baptist (Larry Atkins)	06-27-03	\$0	\$2,000
	DHP Investment	05-11-04	\$2,000	\$4,000
	Eber, Dr. Jerry	03-04-04	\$1,000	\$9,000
	Ex-Amish Specialties, Inc.	09-24-03	\$500	\$1,500
	Fleisner, Ted & Jerry	05-24-02	\$3,000	\$7,000
	Foster's Pelican Point Family Limited Partnership	08-27-03	\$1,000	\$0
	Gerstner, Bernard	08-30-04	\$0	\$0
	Harrold Libbert	05-06-04	\$500	\$3,500
	J&C Environmental	02-18-04	\$1,500	\$4,500
	J&C Environmental	02-18-04	\$1,500	\$4,500
	Jim Hackman	06-04-04	\$500	\$1,500
	King City Lumber	03-25-04	\$1,000	\$0
	Lakeside Shopping Center, LLC	05-05-03	\$45,000	\$0
	Lampley & Associates	10-27-03	\$1,000	\$3,000
	Larry Snyder & Company	09-22-04	\$1,000	\$0
	LRA	06-16-03	\$3,000	\$0
	McNally, Pat	06-21-04	\$500	\$1,500
	Mid-America Environmental & Abatement	02-24-04	\$0	\$0
	Middleton, Wayne (MMET)	02-03-04	\$5,003	\$1,500
	Ozark Fire Protection, Inc.	09-21-04	\$500	\$1,500
	Ragland, Woodrow	12-22-03	\$500	\$3,500
	T&T Demolition	02-18-04	\$3,000	\$0
	TC Precast	08-17-04	\$1,000	\$2,000
	The King's Daughters Home	09-21-04	\$500	\$1,500
	The Reeder Group (The View, LLC)	04-27-04	\$20,000	\$0
	Trenton, City of	05-07-03	\$1,000	\$5,000
	Troy Chamber of Commerce	08-19-04	\$0	\$0
	Vandiver Village	04-27-04	\$1,000	\$3,000
	Wiedmaier, Jerry	08-30-04	\$0	\$4,000
Asbestos/Open Burning				
	Cedar Glen	06-18-03	\$1,000	\$0
	Grant City	04-21-04	\$1,000	\$3,000
	Rolla Rural Fire Protection District	07-13-04	\$0	\$0
Construction Permit				
	Gateway Metal Works	12-04-02	\$500	\$0

AGREEMENT ACHIEVED

Violation	Name	Negotiations Initiated	Paid Amount	Penalty Suspended
Construction Permit				
	James Cape & Sons Company	04-10-02	\$4,000	\$0
	Jefferson City Correctional Center	05-04-04	\$4,000	\$4,000
EIQ				
	Brookfield Cable Operations	08-09-04	\$500	\$0
	Cameron Concrete	07-03-02	\$500	\$0
	Carson Funeral Home	07-08-02	\$500	\$0
	Dry Clean \$1.69a	01-18-02	\$250	\$0
	Executive Shirt Service	08-25-03	\$1,500	\$0
	Fischer Brothers Quarry and Hauling	07-15-04	\$500	\$0
	Hydro Conduit Corporation	07-15-04	\$500	\$0
	Independence Regional Health Center	06-21-04	\$500	\$0
	J&P Wood Products	06-21-04	\$0	\$0
	Medical Center of Independence	07-20-04	\$500	\$0
	Midstates Laundry & Cleaners	07-11-02	\$250	\$0
	Neo's Concrete and Materials	07-15-04	\$500	\$0
	Slaughter's Cleaners	08-14-03	\$500	\$1,500
	U.S. \$1.75 Cleaners	01-02-04	\$1,500	\$0
MACT				
	ChromeWright Inc.	07-06-04	\$5,000	\$0
Open Burning				
	Bob Goodwyn	11-26-03	\$0	\$2,000
	Carl White Oil Company	07-06-04	\$0	\$0
	Chris Vanlue (Lloyd Williams Construction)	08-20-04	\$500	\$1,500
	Delbert Moore	04-09-04	\$3,000	\$5,000
	Delta Growers Association	08-09-04	\$0	\$2,000
	Don Fields dba D & R Auto Sales	07-08-04	\$500	\$1,500
	Doolittle Trailor	09-09-03	\$20,500	\$0
	Dwain Smith	10-08-03	\$500	\$0
	Eakes, Ronnie, Roger, Mary	05-24-04	\$2,000	\$0
	Emery Sapp and Sons	08-11-04	\$6,000	\$0
	Fred Weber	02-14-03	\$1,000	\$1,000
	Fred Weber	06-16-04	\$0	\$0
	MFA, Inc.	04-12-04	\$0	\$2,000
	Oscar Penn	09-17-03	\$3,500	\$0
	Paul Ferrel	06-22-01	\$500	\$1,500
	S & S Metal Fabricators	06-29-04	\$800	\$1,200
	Steve Blasingain dba Blasingain Auto Salvage	11-26-03	\$800	\$3,200
	Ward's Salvage	01-22-03	\$0	\$2,000
Operating Permit				

AGREEMENT ACHIEVED

Violation	Name	Negotiations Initiated	Paid Amount	Penalty Suspended
Operating Permit				
	A B Chance	03-11-02	\$4,000	\$4,000
	A. C. Riley Cotton Company	06-28-04	\$2,000	\$3,000
	CDEX Incorporated	03-19-04	\$40,000	\$0
	E.F. Marsh Engineering	10-23-03	\$1,500	\$3,500
	Foster's Cleaners	08-25-03	\$500	\$1,500
	Martinsburg Farmers Elevator	06-28-04	\$3,000	\$0
	Medical Center of Independence	07-01-04	\$2,000	\$3,000
	Midwest Stone	12-05-03	\$500	\$1,500
	Quaker Window Products Company	04-29-04	\$2,000	\$0
	SEMO University	12-16-02	\$2,000	\$3,000
	Stallone's Formal	01-23-04	\$0	\$2,000
RVP - Reid Vapor Pressure				
	Diamond Shamrock Gas Station- Snack Mart	08-09-04	\$0	\$2,000
	Independence Liquor & Smoke Outlet	08-09-04	\$500	\$1,500
	KCI Kwik Shop	08-09-04	\$0	\$2,000
	Shell #11 (Shell Oi Products, US)	08-09-04	\$0	\$2,000
	Shell #6 (Shell Oil Products, US)	08-09-04	\$0	\$2,000
	Super Mart	08-09-04	\$0	\$2,000
Stage I				
	Pour Boy Oil #1	08-09-04	\$0	\$4,000
Stage II				
	Broadway & I-55 Mobile	09-23-04	\$100	\$1,900
	Foristell Truck Stop	05-20-04	\$2,000	\$0
	M.C. Food Mart	08-05-04	\$500	\$2,500
	Phillip 66 (National Petroleum)	06-16-04	\$1,500	\$0
	Phillips 66 (Rosemark Co., LLC)	08-05-04	\$500	\$2,500
	The Outpost General Store	09-20-04	\$200	\$0
	Thoele Oil Company	03-14-02	\$2,000	\$4,000
Stage II - Construction				
	BP/AMOCO	09-22-04	\$500	\$1,500

NEGOTIATIONS ONGOING

Violation	Name	Negotiations Initiated
Asbestos		
	ABC Demolition	06-04-04
	Aero Industrial Enterprises	04-01-04
	Bahm Demolition	07-26-04
	Bernard, Derl	01-12-04
	Briggs & Cracraft	01-06-04
	C & D Heating and Cooling	01-23-04
	Cannon Excavation, Inc.	08-23-04
	Cardinal Scale	09-23-04
	Cason, Cheri	07-30-04
	City of Brookfield	11-05-03
	Eastman, Mark	
	Foster, Buford	05-03-04
	Gaines Wrecking	02-24-04
	Gateway Demolition	06-08-04
	GMMP	02-09-04
	Goodwin Bros. Construction	03-25-04
	Hayes Jr., Reverend Lloyd	04-27-04
	Hoggatt, Travis	03-29-04
	Hopewell Missionary Baptist Church	03-05-04
	Kauffman Enterprises, LLC	07-08-04
	Lexington R-V School District	08-30-04
	Loni Properties	12-22-03
	Millennium Wrecking, Inc.	03-05-04
	MoDOT	07-08-04
	MoDOT	08-21-03
	Morgan Development Company	04-01-04
	PARIC Corporation	07-26-04
	Pipkin, Earl	04-21-04
	Ray's Service Center	12-24-03
	St. Louis Public Safety	11-03-03
	Trenton, City of	08-19-04
	Truman State University	07-26-04
	Ward's Recycling	07-25-03
Asbestos/Open Burning		
	GCR Enterprises	04-05-04
	Gilworth Furniture	07-30-04
	Gruenloh Excavating	03-25-03
	Maryville Public Safety	08-04-04
	McDonald, Byron	07-20-04

NEGOTIATIONS ONGOING

Violation	Name	Negotiations Initiated
Construction Permit		
	Blair Cedar and Novelty Works, Inc.	07-06-04
	Davis Ready-Mix	
	Solutia, Inc.	08-05-04
Construction Permit/NSPS		
	BranCo Quarry	03-03-04
Construction Permit/Operating Permit		
	Miracle Recreation	05-20-04
denial of access		
	Olean Seed Company	07-20-04
EIQ		
	Automated Printing Services	06-18-04
	Buddy's Cleaners	
	Davis Ready Mix	01-12-04
	Rite Way Cleaners	07-06-04
	Specialloy Metals, Inc.	07-20-04
MACT		
	Scrubby Duds, Kirksville	03-04-02
NSPS		
	MMD Stone, LLC	07-23-04
NSPS/Operating Permit		
	APAC	
Opacity		
	Magic Green Corporation	08-05-04
Opacity/Fugitive Dust		
	Pennington Seed	03-09-04
Open Burning		
	Acup, Freddy	
	Ceres Environmental	12-02-03
	Daniel Gross	05-21-02
	David Lamb	08-25-04
	Glenn Sellers Sr. and Glenn Sellers Jr.	04-08-04
	Hensley, Danny	
	John Kerns	08-25-04
	Kester's House Moving	04-28-04
	Quality Structures	05-18-04
	Robertson Contractors	10-07-04
	Rocky Keirn	08-27-04
	Rondal Williamson	12-24-03
	Schlosser Construction	10-24-03

NEGOTIATIONS ONGOING

Violation	Name	Negotiations Initiated
Open Burning		
	Seward's insulation	02-26-04
	singleton, John	02-06-04
	Steve Boyette	09-20-04
	Tyke Entertainment dba Shooter's 21	06-19-02
Operating Permit		
	1st Capitol Cleaners	08-27-03
	Beelman River Terminals, Inc.	07-06-04
	Consolidated Grain and Barge	07-06-04
	G3 Boats	03-19-04
	King Quarry Incorporated	08-25-03
	MFA Agri Services	07-01-04
	Precision Marble	07-01-04
	Quick Trip #620	
	Scrubby Duds	12-09-03
	St. Louis University-Frost Campus	05-27-04
	still gin and grain inc	07-01-04
Stage I		
	Indepence Gas & Speedy Mart, Inc.	07-26-04
Stage II		
	BP AMOCO	10-04-04
	BP AMOCO	10-04-04
	BP/AMOCO	
	BP/AMOCO	
	BP/AMOCO	09-15-04
	Fish's Quick Stop	09-15-04
	Phillips 66	
	Shell	09-30-04
	Stockham's Gas Mart	09-15-04

**PENDING CASES REFERRED
TO ATTORNEY GENERAL'S OFFICE**

Violation	Name	Commission Referral Date
Asbestos		
	D&D Construction	02-03-04
	Foster, Buford	09-30-04
	Gialde, Steve T. and JoAnne	
	Hyperatix Contracting, Inc.	08-26-04
	Oxendale Construction	03-25-04
	Renegade Construction, Inc.	08-26-04
	Royal Environmental	04-24-04
Denial of Access/Open Burning		
	Hale Enterprises	05-27-04
EIQ		
	Berrys Wood Products	03-25-04
	Colonial Cleaners & Commercial Laundry	03-27-03
	Hilty Quarries EIQ violations	05-29-03
	Neighborhood Cleaners	03-27-03
EIQ/Operating Permit		
	Dry Clean \$1.69	03-28-02
Fugitive Dust		
	Nothum Food Processing	03-25-04
Open Burning		
	Elmer J. Holden	03-27-03
	Ford, Steve	09-30-04
	Gary Schmidt	12-04-03
	James Wendell Thomas	08-26-04
	Palleton, inc.	06-24-04
	Roy Purinton	05-29-03
	Sanders, Joseph and Laurel	10-30-03
	Swenson, William	06-24-04
Operating Permit		
	Black Tie Cleaners	06-24-04
	Dial Cleaners	05-27-04
	G3 Boats	09-30-04
	National Dry Cleaners	03-25-04
	Plaza Cleaners	04-29-04
	Townsend Summit, L.L.C.	06-28-02
Stage II		
	Purschke Oil Company	04-29-04



Missouri Department of Natural Resources
Air and Land Protection Division
Air Pollution Control Program

**PERMIT APPLICATIONS
RECEIVED**

	Construction Permits	Operating Permits	Total
January	60	57	117
February	55	38	93
March	77	68	145
April	64	54	118
May	52	85	137
June	55	53	108
July	53	19	72
August	44	56	100
September	51	27	78
Total	511	457	968

Department of Natural Resources

Air and Land Protection Division

Permits Management System

Air Pollution Control Program

Company: MFA	Description: Storage, elevator
Location: 411 West State	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Vandalia	Status: AP: Technical Review
County: Audrain	Received: 9/22/2004
Project#: AP200409062	
Company: EFCO Corporation	Description: Windows
Location: 1000 County Road	Permit Type: AOP: Part 70 Operating Permit Renewal
City: Monett	Status: AP: Awaiting Completeness Check
County: Barry	Received: 9/27/2004
Project#: AP200409083	
Company: A. B. Chance Co.	Description: Plastics
Location: 1190 E Switzler	Permit Type: AOP: Basic Operating Permit Amendment
City: Centralia	Status: AP: Receive, Log, Assign
County: Boone	Received: 9/29/2004
Project#: AP200409088	
Company: A. B. Chance Co/Allen St Complex	Description: Shot cleaning
Location: 210 N ALLEN ST	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Centralia	Status: AP: No Permit Required
County: Boone	Received: 9/3/2004
Project#: AP200409008	
Company: Albaugh, Inc.	Description: Glyphosate process
Location: 4900 PACKERS AVE	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: St. Joseph	Status: AP: Technical Review
County: Buchanan	Received: 9/29/2004
Project#: AP200409084	
Company: Friskies R&D Center	Description: Pet Food
Location: 3916 Pettis Road	Permit Type: AOP: Basic Operating Permit
City: St. Joseph	Status: AP: IR Completeness Check
County: Buchanan	Received: 9/29/2004
Project#: AP200409087	
Company: Briggs & Stratton Corp.	Description: Scrap usage and clean charge
Location: 731 MO Hwy 142	Permit Type: AP: Applicability Determination Request
City: Poplar Bluff	Status: AP: Awaiting Completeness Check
County: Butler	Received: 9/3/2004
Project#: AP200409045	
Company: Chester Bross - Hwy 60	Description: Extension
Location: T24N:R04E:S02:NW:NW	Permit Type: AP: IR Corrections & Amendments
City: Poplar Bluff	Status: AP: Awaiting Completeness Check
County: Butler	Received: 9/21/2004
Project#: AP200409061	
Company: Lidas Dry Cleaners	Description: Dry Cleaner
Location: 406 East Pine	Permit Type: AOP: Basic Operating Permit
City: Raymore	Status: AP: IR Completeness Check
County: Cass	Received: 9/1/2004
Project#: AP200409002	
Company: Ash Grove Aggregates	Description: Rock Crushing
Location: MO Hwy 39	Permit Type: AP: Sec 4: Relocate Approved Site
City: Stockton	Status: AP: Section 4 Permit Issued
County: Cedar	Received: 9/27/2004
Project#: AP200409079	

Company: Lee Chemical Site	Description: Remediation
Location: 101 East Kansas Street	Permit Type: AOP: Applicability Determination Requests
City: Pleasant Valley	Status: AP: No Permit Required
County: Clay	Received: 9/29/2004
Project#: AP200409085	
Company: Farmers Concrete Co	Description: Make portable stationary-electrosub
Location: 2916 N Shamrock	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Jefferson City	Status: AP: Receive, Log, Assign
County: Cole	Received: 9/9/2004
Project#: AP200409029	
Company: MO-Ag Industries	Description: Grain Storage
Location: 410 Madison St.	Permit Type: AP: Temporary or Pilot Plant Permit
City: Jefferson City	Status: AP: Temporary Permit Issued
County: Cole	Received: 9/8/2004
Project#: AP200409026	
Company: Ennis Paints	Description: Paint - Going INT to BAS
Location: 102 Commerce Drive	Permit Type: AOP: Basic Operating Permit Renewal
City: Cuba	Status: AP: IR Completeness Check
County: Crawford	Received: 9/22/2004
Project#: AP200409065	
Company: Trager Limestone	Description: Replace crusher, screen
Location: Hwy CC	Permit Type: AP: IR Applicability Determination Request
City: Chillicothe	Status: AP: Awaiting Completeness Check
County: Daviess	Received: 9/15/2004
Project#: AP200409052	
Company: Everett Quarries	Description: Rock Crushing
Location: 2674 SE Frost Rd	Permit Type: AP: Sec 4: Relocate Approved Site
City: Cameron	Status: AP: Section 4 Permit Issued
County: Dekalb	Received: 9/16/2004
Project#: AP200409055	
Company: Malden Municipal Power & Light	Description: Power Plant
Location: 405 S. Beckwith	Permit Type: AOP: Part 70 Operating Permit Renewal
City: Malden	Status: AP: Awaiting Completeness Check
County: Dunklin	Received: 9/24/2004
Project#: AP200409071	
Company: GDX Automotive - New Haven	Description: Primer
Location: 101 Danny Scott Dr	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: NEW HAVEN	Status: AP: Technical Review
County: Franklin	Received: 9/8/2004
Project#: AP200409021	
Company: Magnet, LLC	Description: New Press
Location: 7 CHAMBER DR	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Washington	Status: AP: Technical Review
County: Franklin	Received: 9/3/2004
Project#: AP200409006	
Company: William D. Dawson Inc Quarry	Description: Updated for BMPs - electrosub
Location: 5662 HIGHWAY 47	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Union	Status: AP: Technical Review
County: Franklin	Received: 9/9/2004
Project#: AP200409018	
Company: Norris Asphalt Paving	Description: Update Portable plant - electrosub
Location: 29365 Outer Rd	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Bethany	Status: AP: Technical Review
County: Harrison	Received: 9/13/2004
Project#: AP200409033	

Company: Norris Asphalt Paving - Jeffries	Description: Rock Crushing
Location: T66N:R26W:S03:NE:SW MO Hwy 13 N	Permit Type: AP: Sec 4: Relocate Approved Site
City: Blythedale	Status: AP: Section 4 Permit Issued
County: Harrison	Received: 9/27/2004
Project#: AP200409078	
Company: Kansas City Power & Light Co.(Montrose)	Description: Phase II renewal
Location: 400 SW Hwy P	Permit Type: AOP: Phase II Acid Rain Permit Renewal
City: Clinton	Status: AP: Receive, Log, Assign
County: Henry	Received: 9/8/2004
Project#: AP200409023	
Company: Central Methodist College-	Description: College - heating plant
Location: 411 NORTH CHURCH STREET	Permit Type: AOP: Basic Operating Permit
City: Fayette	Status: AP: IR Completeness Check
County: Howard	Received: 9/27/2004
Project#: AP200409082	
Company: Chester Bross - Willow Springs	Description: Concrete
Location: T27N:R09W:S33	Permit Type: AP: Sec 4: Relocate to New Site
City: Willow Springs	Status: AP: Section 4 Permit Issued
County: Howell	Received: 9/3/2004
Project#: AP200409007	
Company: International Paper Company	Description: Paper and Cardboard
Location: 4343 CLARY BLVD	Permit Type: AOP: Intermediate Operating Permit Renewal
City: Kansas City	Status: AP: Receive, Log, Assign
County: Jackson	Received: 9/20/2004
Project#: AP200409060	
Company: Kansas City Power & Light Co (Hawthorn)	Description: Phase II Renewal
Location: 8700 HAWTHORNE RD	Permit Type: AOP: Phase II Acid Rain Permit Renewal
City: Kansas City	Status: AP: Awaiting Completeness Check
County: Jackson	Received: 9/8/2004
Project#: AP200409024	
Company: Midwest Block & Brock	Description: Concrete
Location: 4104 East 12th Terrace	Permit Type: AOP: Basic Operating Permit
City: Kansas City	Status: AP: Receive, Log, Assign
County: Jackson	Received: 9/10/2004
Project#: AP200409044	
Company: Ross Miller Cleaners	Description: General OP - Dry Cleaner
Location: 5300 Linwood	Permit Type: AOP: Basic Operating Permit Renewal
City: Kansas City	Status: AP: Receive, Log, Assign
County: Jackson	Received: 9/23/2004
Project#: AP200409089	
Company: Team Excavating	Description: Belts and feeders
Location: T49N:R31W:S29:NW	Permit Type: AP: IR Corrections & Amendments
City: Independence	Status: AP: Awaiting Fees
County: Jackson	Received: 9/3/2004
Project#: AP200409009	
Company: Westport Cleaners	Description: General OP - Dry Cleaner
Location: 20 WESTPORT RD	Permit Type: AOP: Basic Operating Permit Renewal
City: Kansas City	Status: AP: Receive, Log, Assign
County: Jackson	Received: 9/9/2004
Project#: AP200409043	
Company: Morton Booth Co	Description: Wood milling and surface coating
Location: 326 W Main	Permit Type: AOP: Part 70 Operating Permit Renewal
City: Carterville	Status: AP: Awaiting Completeness Check
County: Jasper	Received: 9/27/2004
Project#: AP200409080	

Company: Enersys Energy Products Inc	Description: New Process
Location: 617 N RIDGEVIEW DR	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Warrensburg	Status: AP: Technical Review
County: Johnson	Received: 9/16/2004
Project#: AP200409051	
Company: Lebanon City Humane Society	Description: Incinerator
Location: County Rd 64-906	Permit Type: AOP: Basic Operating Permit
City: Lebanon	Status: AP: Initial Clerical Prep
County: Laclede	Received: 9/8/2004
Project#: AP200409020	
Company: Lebanon City Humane Society	Description: Incinerator
Location: County Rd 64-906	Permit Type: AOP: Applicability Determination Requests
City: Lebanon	Status: AP: Permit Required
County: Laclede	Received: 9/24/2004
Project#: AP200409070	
Company: Lowe Boats Inc	Description: Glue Station
Location: 2900 Industrial Drive	Permit Type: AP: Applicability Determination Request
City: Lebanon	Status: AP: No Permit Required
County: Laclede	Received: 9/1/2004
Project#: AP200409003	
Company: Lowe Boats Inc	Description: Paintbooth removal
Location: 2900 Industrial Drive	Permit Type: AOP: Part 70 Operating Permit Admin. Amend
City: Lebanon	Status: AP: Awaiting Technical Review
County: Laclede	Received: 9/1/2004
Project#: AP200409038	
Company: Bailey Limestone Co., Inc. - Chesapeake	Description: Amend for co-location
Location: County Rd 1150	Permit Type: AP: IR Corrections & Amendments
City: Mt. Vernon	Status: AP: Awaiting Fees
County: Lawrence	Received: 9/9/2004
Project#: AP200409019	
Company: Magruder Limestone at Lincoln Co Hwy Dp	Description: Rock Crushing
Location: Quarry Road	Permit Type: AP: Sec 4: Relocate Approved Site
City: Troy	Status: AP: Section 4 Permit Issued
County: Lincoln	Received: 9/24/2004
Project#: AP200409069	
Company: Toyota Motor Corp - Bodine Aluminum	Description: Parts Washer addition
Location: 100 Cherry Blossom Way	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Troy	Status: AP: Technical Review
County: Lincoln	Received: 9/2/2004
Project#: AP200409010	
Company: Fred Carlson - Hwy 36	Description: Concrete
Location: T57N:R16W:S07:NW:SW	Permit Type: AP: Sec 4: Relocate to New Site
City: Macon	Status: AP: Section 4 Permit Issued
County: Macon	Received: 9/15/2004
Project#: AP200409046	
Company: Lake Ozark Sand and Gravel	Description: Rock Crushing
Location: 14 County Hwy V	Permit Type: AP: Sec 4: Relocate Approved Site
City: Bagnell	Status: AP: Section 4 Permit Issued
County: Miller	Received: 9/17/2004
Project#: AP200409056	
Company: Pace Industries Inc	Description: Furnace replacement
Location: 135 FRONT ST	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Monroe City	Status: AP: Technical Review
County: Monroe	Received: 9/20/2004
Project#: AP200409057	

Company: APAC - Central Prestage Quarry	Description: Asphalt
Location: County Hwy O	Permit Type: AP: Sec 4: Relocate Approved Site
City: Laurie	Status: AP: Section 4 Permit Issued
County: Morgan	Received: 9/30/2004
Project#: AP200409086	
Company: A E C I New Madrid	Description: Diesel-powered Air compressors
Location: St. Jude Road	Permit Type: AP: Temporary or Pilot Plant Permit
City: New Madrid	Status: AP: Temporary Permit Issued
County: New Madrid	Received: 9/23/2004
Project#: AP200409067	
Company: ADM Grain Company - New Madrid	Description: New Grain Elevator
Location: T22N:R14E:S19 St. Jude Rd.	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: New Madrid	Status: AP: Technical Review
County: New Madrid	Received: 9/13/2004
Project#: AP200409035	
Company: ADM Grain Company - New Madrid	Description: General OP - Grain Elevator
Location: T22N:R14E:S19 St. Jude Rd.	Permit Type: AOP: Intermediate Operating Permit
City: New Madrid	Status: AP: Initial Clerical Prep
County: New Madrid	Received: 9/13/2004
Project#: AP200409039	
Company: SEMO Ready Mix - Sikeston	Description: Concrete
Location: 955 School St	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Sikeston	Status: AP: Executive Review
County: New Madrid	Received: 9/9/2004
Project#: AP200409017	
Company: ANR Pipeline Co	Description: Temporary Generator
Location: 33854 County Hwy TT	Permit Type: AP: Applicability Determination Request
City: Maitland	Status: AP: No Permit Required
County: Nodaway	Received: 9/9/2004
Project#: AP200409032	
Company: APAC at Mertens Osage	Description: Asphalt
Location: T42N:R09W:S07	Permit Type: AP: Sec 4: Relocate Approved Site
City: Westphalia	Status: AP: Section 4 Permit Issued
County: Osage	Received: 9/9/2004
Project#: AP200409016	
Company: APAC at Mertens Osage	Description: Add scenarios - electrosb
Location: T42N:R09W:S07	Permit Type: AP: IR Corrections & Amendments
City: Westphalia	Status: AP: Awaiting Completeness Check
County: Osage	Received: 9/24/2004
Project#: AP200409077	
Company: Mertens Construction Co Inc	Description: Add scenarios-electrosb
Location: US Hwy 63 S	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Westphalia	Status: AP: IR Completeness Check
County: Osage	Received: 9/24/2004
Project#: AP200409073	
Company: Bothwell Regional Health Center	Description: Boiler Plant
Location: 601 E 14TH ST	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Sedalia	Status: AP: Executive Review
County: Pettis	Received: 9/13/2004
Project#: AP200409034	
Company: LaFarge Construction Materials	Description: Generic Crusher
Location: 21469 HIGHWAY 50	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Sedalia	Status: AP: Executive Review
County: Pettis	Received: 9/8/2004
Project#: AP200409011	

Company: Pittsburg Corning	Description: Dust collectors
Location: 2700 W 16th St	Permit Type: AP: Corrections & Amendments
City: Sedalia	Status: AP: Receive, Log, Assign
County: Pettis	Received: 9/13/2004
Project#: AP200409041	
Company: University of Missouri - Rolla	Description: Emergency Generators
Location: 1201 State Street	Permit Type: AP: Applicability Determination Request
City: Rolla	Status: AP: Executive Review
County: Phelps	Received: 9/23/2004
Project#: AP200409090	
Company: Kansas City Power & Light (Iatan)	Description: Phase II Renewal
Location: 20240 Hwy 45 North	Permit Type: AOP: Phase II Acid Rain Permit Renewal
City: Weston	Status: AP: Awaiting Completeness Check
County: Platte	Received: 9/8/2004
Project#: AP200409022	
Company: Woodbridge Corporation	Description: Stamping Process
Location: 555 NW PLATTE VALLEY DR	Permit Type: AP: Sec 5 & 6: Dminimis and Minor
City: Riverside	Status: AP: No Permit Required
County: Platte	Received: 9/15/2004
Project#: AP200409047	
Company: Capital Quarries, Inc. Combined 3	Description: Generic, BMPs Portable - electrosb
Location: 822 W Stadium Blvd	Permit Type: AP: IR Sec 5 & 6: Dminimis and Minor
City: Jefferson City	Status: AP: Receive, Log, Assign
County: Portable Plant	Received: 9/9/2004
Project#: AP200409030	
Company: Blue Grass Redi Mix LLC	Description: Correction to update worksheet emission factor
Location: 16500 BLUE GRASS DRIVE	Permit Type: AP: Corrections & Amendments
City: Waynesville	Status: AP: Amendment Approved
County: Pulaski	Received: 9/16/2004
Project#: AP200409050	
Company: Lake Ozark Sand & Gravel at Waynesville	Description: Rock Crushing-electrosb
Location: 503 Historic US Hwy 66 W	Permit Type: AP: IR Sec 5 & 6: Dminimis and Minor
City: Waynesville	Status: AP: Application Withdrawn by Applicant
County: Pulaski	Received: 9/8/2004
Project#: AP200409014	
Company: Lake Ozark Sand & Gravel at Waynesville	Description: Rock Crushing - electrosb
Location: 503 Historic US Hwy 66 W	Permit Type: AP: Sec 4: Relocate to New Site
City: Waynesville	Status: AP: IR Completeness Check
County: Pulaski	Received: 9/24/2004
Project#: AP200409075	
Company: Mid County Materials	Description: Grandfathered Wash Plant - electrosb
Location: T36N:R11W:S31	Permit Type: AP: IR Sec 5 & 6: Dminimis and Minor
City: Waynesville	Status: AP: Applicant submitting complete
County: Pulaski	Received: 9/8/2004
Project#: AP200409013	
Company: Continental Cement Company - Ilasco	Description: Six-month extension
Location: 10107 MO Hwy 79	Permit Type: AP: Corrections & Amendments
City: Hannibal	Status: AP: Extension Granted
County: Ralls	Received: 9/23/2004
Project#: AP200409064	
Company: Reed Minerals	Description: Slag Processing
Location: T55N:R15W:S19 at AECl - Thomas Hill	Permit Type: AOP: Basic Operating Permit
City: Clifton Hill	Status: AP: IR Completeness Check
County: Randolph	Received: 9/3/2004
Project#: AP200409025	

Company: Hunt Midwest - Green Quarry	Description: Screen, conveyors, bins
Location: 35932 MO Hwy 10	Permit Type: AP: IR Sec 5 & 6: Dminimis and Minor
City: Rayville	Status: AP: IR Completeness Check
County: Ray	Received: 9/27/2004
Project#: AP200409074	
Company: Hunt Midwest-Green Quarry	Description: Rock Crushing
Location: 46134 Route K	Permit Type: AOP: Basic Operating Permit Renewal
City: Stet	Status: AP: IR Completeness Check
County: Ray	Received: 9/17/2004
Project#: AP200409058	
Company: APAC - Miami Site	Description: Rock Crushing - electrosb
Location: T53N:R20W:S34	Permit Type: AP: Sec 4: Relocate to New Site
City:	Status: AP: Section 4 Permit Issued
County: Saline	Received: 9/24/2004
Project#: AP200409076	
Company: TEPPCO	Description: Portable combustion system
Location: 10653 COUNTY HWY N	Permit Type: AP: Temporary or Pilot Plant Permit
City: SCOTT CITY	Status: AP: Section 5 Permit Issued
County: Scott	Received: 9/9/2004
Project#: AP200409027	
Company: Tetra Pak, Inc.	Description: Milk Cartons
Location: 2200 E MALONE AVE	Permit Type: AOP: Part 70 Operating Permit Renewal
City: Sikeston	Status: AP: Initial Clerical Prep
County: Scott	Received: 9/13/2004
Project#: AP200409040	
Company: American Cleaners	Description: General OP - Dry Cleaner
Location: 1290 Jungermann Road	Permit Type: AOP: Basic Operating Permit Renewal
City: St. Peters	Status: AP: IR Completeness Check
County: St. Charles	Received: 9/27/2004
Project#: AP200409081	
Company: Pace Construction Co - St Charles	Description: Bins
Location: 2000 S RIVER RD	Permit Type: AP: IR Sec 5 & 6: Dminimis and Minor
City: St. Charles	Status: AP: IR Completeness Check
County: St. Charles	Received: 9/23/2004
Project#: AP200409066	
Company: Bridgeton Landfill Authority	Description: Landfill
Location: 13570 SAINT CHARLES ROCK RD	Permit Type: AOP: Part 70 Operating Permit Renewal
City: BRIDGETON	Status: AP: Receive, Log, Assign
County: St. Louis	Received: 9/13/2004
Project#: AP200409042	
Company: Devcon Futura Coatings	Description: Paint Booth
Location: 1685 Galt Industrial Blvd	Permit Type: AP: Local CP
City: St. Louis	Status: AP: Permit Issued
County: St. Louis	Received: 9/15/2004
Project#: AP200409048	
Company: KV Pharmaceutical	Description: Boilers, Capsule-making
Location: #1 Corporate Woods	Permit Type: AP: Local CP
City: Bridgeton	Status: AP: Permit Issued
County: St. Louis	Received: 9/15/2004
Project#: AP200409049	
Company: BET - St. Louis South Terminal	Description: Fuel Terminal
Location: 4070 S 1st	Permit Type: AOP: Basic Operating Permit Renewal
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 9/15/2004
Project#: AP200409054	

Company: Mallinckrodt Chemical	Description: Thermal oxidizer modifications
Location: 3600 N 2ND ST	Permit Type: AP: Local CP
City: St. Louis	Status: AP: Permit Issued
County: St. Louis City	Received: 9/22/2004
Project#: AP200409063	
Company: National Linen Service	Description:
Location: 315 Lynch	Permit Type: AOP: Basic Operating Permit Renewal
City: St. Louis	Status: AP: Receive, Log, Assign
County: St. Louis City	Received: 9/15/2004
Project#: AP200409053	
Company: Nestle Purina PetCare	Description: Kitty Litter
Location: 22450 COUNTY HIGHWAY Y	Permit Type: AOP: Intermediate Operating Permit Renewal
City: Bloomfield	Status: AP: IR Completeness Check
County: Stoddard	Received: 9/24/2004
Project#: AP200409072	
Company: W. W. Wood Products, Inc.	Description: Adding 1 new spray booth
Location: 10331 Stanley Street	Permit Type: AP: Sec 5 & 6: Deminimis and Minor
City: Dudley	Status: AP: Executive Review
County: Stoddard	Received: 9/1/2004
Project#: AP200409001	
Company: Lafarge North America	Description: Crusher - BMP
Location: 547 Hwy J	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor
City: Wright City	Status: AP: Technical Review
County: Warren	Received: 9/8/2004
Project#: AP200409012	
Company: Warren County Concrete - Truesdale	Description: Terminate OP
Location: 801 SOUTH ST	Permit Type: AOP: Basic Operating Permit Amendment
City: Truesdale	Status: AP: Operating Permit Terminated
County: Warren	Received: 9/2/2004
Project#: AP200409037	
Company: Ash Grove Aggregates Inc	Description: Rock Crushing
Location: T32N:R18W:S34 N OF I-44 & Exit 107 CR	Permit Type: AP: Sec 4: Relocate Approved Site
City: Marshfield	Status: AP: Section 4 Permit Issued
County: Webster	Received: 9/24/2004
Project#: AP200409068	
Company: Rost Ready Mix	Description: Concrete
Location: 4006 County Hwy OO	Permit Type: AP: IR Applicability Determination Request
City: Marshfield	Status: AP: Awaiting Completeness Check
County: Webster	Received: 9/20/2004
Project#: AP200409059	



Missouri Department of Natural Resources
Air and Land Protection Division
Air Pollution Control Program

**PERMIT APPLICATIONS
COMPLETED**

	Construction Permits	Operating Permits	Total
January	32	30	62
February	61	23	84
March	71	78	149
April	51	35	86
May	59	27	86
June	40	45	85
July	75	135	210
August	59	19	78
September	59	39	98
Total	507	431	938

Department of Natural Resources

Air and Land Protection Division

Permits Management System

Air Pollution Control Program

Company: Norris Asphalt Paving - Breit Quarry	Received 7/8/2004	Completed 9/23/2004	Permit # 1299-004	Days Used 77
Location: 16298 Hwy 71	Description: Rock Crushing - electrosb			
City: Savannah	Permit Type: AP: Sec 4: Relocate to New Site			
County: Andrew	Status: AP: Section 4 Permit Issued			
Project#: AP200407015				
Company: Epoch Composite Products	Received 5/10/2004	Completed 9/22/2004	Permit # 092004-009	Days Used 135
Location: 1701 Maple St.	Description: Composite Lumber			
City: Lamar	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: Barton	Status: AP: Section 5 Permit Issued			
Project#: AP200405032				
Company: A. B. Chance Co/Allen St Complex	Received 9/3/2004	Completed 9/27/2004	Permit #	Days Used 24
Location: 210 N ALLEN ST	Description: Shot cleaning			
City: Centralia	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: Boone	Status: AP: No Permit Required			
Project#: AP200409008				
Company: Columbia Municipal Power Plant	Received 7/10/2002	Completed 9/24/2004	Permit # OP	Days Used 807
Location: 1501 Bus Loop 70	Description: Power Plant			
City: Columbia	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: Boone	Status: AP: Closed out, per policy			
Project#: AP200207138				
Company: University of Missouri - Columbia	Received 7/12/2004	Completed 9/8/2004	Permit #	Days Used 58
Location: 8 Research Park Dev Bldg	Description: Emergency Generator			
City: Columbia	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: Boone	Status: AP: No Permit Required			
Project#: AP200407021				
Company: Ag Processing, Inc.	Received 8/5/2004	Completed 9/27/2004	Permit #	Days Used 53
Location: 900 Lower Lake Rd	Description: Remove conveyor			
City: St. Joseph	Permit Type: AP: Applicability Determination Request			
County: Buchanan	Status: AP: No Permit Required			
Project#: AP200408034				
Company: Danisco Ingredients USA Inc	Received 8/26/2004	Completed 9/8/2004	Permit #	Days Used 13
Location: 4509 S 50th Street	Description: Fabric filter systems			
City: St. Joseph	Permit Type: AP: Applicability Determination Request			
County: Buchanan	Status: AP: No Permit Required			
Project#: AP200408099				
Company: Hillshire Farm & Kahns	Received 3/1/2004	Completed 9/27/2004	Permit # 092004-010	Days Used 210
Location: 5807 Mitchell Ave	Description: Add boiler			
City: St. Joseph	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: Buchanan	Status: AP: Section 5 Permit Issued			
Project#: AP200403003				
Company: Modine Manufacturing Company	Received 7/6/2004	Completed 9/1/2004	Permit #	Days Used 57
Location: 179 SUNSET DR	Description: Welding Operations			
City: Camdenton	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor			
County: Camden	Status: AP: No Permit Required			
Project#: AP200407011				

Company: Lone Star Industries	Received	Completed	Permit #	Days Used
Location: 2524 South Sprigg Street	6/8/2004	9/14/2004	092004-007	98
City: Cape Girardeau	Description: Petroleum Coke Evaluation			
County: Cape Girardeau	Permit Type: AP: Temporary or Pilot Plant Permit			
Project#: AP200406021	Status: AP: Temporary Permit Issued			
Company: Midwest Sterilization Corp	Received	Completed	Permit #	Days Used
Location: 1204 LENCO AVE	6/21/2004	9/10/2004		81
City: JACKSON	Description: Aeration Rooms			
County: Cape Girardeau	Permit Type: AP: Corrections & Amendments			
Project#: AP200406124	Status: AP: Amendment Approved			
Company: Procter & Gamble Paper Products	Received	Completed	Permit #	Days Used
Location: 14484 State Hwy 177	7/26/2004	9/8/2004	032003-041A	44
City: Cape Girardeau	Description: 18-month extension			
County: Cape Girardeau	Permit Type: AP: Corrections & Amendments			
Project#: AP200407072	Status: AP: Permit Issued			
Company: Strack Excavating LLC	Received	Completed	Permit #	Days Used
Location: 5120 MO Hwy 74	8/2/2004	9/10/2004		39
City: Cape Girardeau	Description: Secondary Crusher			
County: Cape Girardeau	Permit Type: AP: IR Applicability Determination Request			
Project#: AP200408006	Status: AP: No Permit Required			
Company: Dexter Axle	Received	Completed	Permit #	Days Used
Location: One Municipal Drive	5/24/2004	9/17/2004	092004-008	116
City: Carrollton	Description: Add welding stations			
County: Carroll	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
Project#: AP200405123	Status: AP: Section 5 Permit Issued			
Company: Church and Dwight	Received	Completed	Permit #	Days Used
Location: 1607 Anaconda Rd	4/5/2004	9/15/2004	OP	163
City: Harrisonville	Description:			
County: Cass	Permit Type: AOP: Basic Operating Permit Amendment			
Project#: AP200404043	Status: AP: Amendment Approved			
Company: Leo Journagan Construction Co	Received	Completed	Permit #	Days Used
Location: 1506 N FARMER BRANCH RD	2/2/2004	9/1/2004	0793-012	212
City: OZARK	Description: Rock Crushing-electrosub			
County: Christian	Permit Type: AP: Sec 4: Relocate to New Site			
Project#: AP200402002	Status: AP: Closed Out, Inactive			
Company: Cook Composites & Polymers Co.	Received	Completed	Permit #	Days Used
Location: 919 E 14th Ave	5/17/2002	9/9/2004	OP	846
City: North Kansas City	Description: Boilers, coatings, Chemicals			
County: Clay	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
Project#: AP200205226	Status: AP: Closed out, per policy			
Company: Geiger Ready Mix Co	Received	Completed	Permit #	Days Used
Location: 526 N CHURCH RD	8/16/2004	9/23/2004	062000-021A	38
City: Liberty	Description: Moisture content condition			
County: Clay	Permit Type: AP: IR Corrections & Amendments			
Project#: AP200408043	Status: AP: Amendment Approved			
Company: Geiger Ready Mix Co	Received	Completed	Permit #	Days Used
Location: 526 N CHURCH RD	8/16/2004	9/2/2004		17
City: Liberty	Description: Bins, conveyors			
County: Clay	Permit Type: AP: IR Applicability Determination Request			
Project#: AP200408052	Status: AP: No Permit Required			

Company: Kansas City Auto Auction	Received	Completed	Permit #	Days Used
Location: 3901 N Great Midwest Dr	8/23/2004	9/3/2004	1079	11
City: Kansas City	Description: Paint Booth			
County: Clay	Permit Type: AP: Local CP			
Project#: AP200408072	Status: AP: Permit Issued			
Company: Capital Quarries, Inc. Stadium Plant	Received	Completed	Permit #	Days Used
Location: 822 W STADIUM BLVD	6/3/2004	9/22/2004		111
City: JEFFERSON CITY	Description: Jaw Crusher-electrosub			
County: Cole	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor			
Project#: AP200406003	Status: AP: Closed out, per policy			
Company: MO-Ag Industries	Received	Completed	Permit #	Days Used
Location: 410 Madison St.	9/8/2004	9/10/2004		2
City: Jefferson City	Description: Grain Storage			
County: Cole	Permit Type: AP: Temporary or Pilot Plant Permit			
Project#: AP200409026	Status: AP: Temporary Permit Issued			
Company: APAC Missouri-Grand River Quarry	Received	Completed	Permit #	Days Used
Location: T59N:R27W:S08 239TH ST & OTTER AVE	8/6/2004	9/13/2004	072001-009E	38
City: Gallatin	Description: Concurrent portable plants			
County: Daviess	Permit Type: AP: IR Corrections & Amendments			
Project#: AP200408055	Status: AP: Amendment Approved			
Company: Everett Quarries	Received	Completed	Permit #	Days Used
Location: 2674 SE Frost Rd	9/16/2004	9/21/2004	0197-018	5
City: Cameron	Description: Rock Crushing			
County: Dekalb	Permit Type: AP: Sec 4: Relocate Approved Site			
Project#: AP200409055	Status: AP: Section 4 Permit Issued			
Company: Stokes - Mayberry Gin Company	Received	Completed	Permit #	Days Used
Location: 400 W Laclede	7/29/2004	9/8/2004		41
City: Malden	Description: Replace equipment			
County: Dunklin	Permit Type: AP: Applicability Determination Request			
Project#: AP200407081	Status: AP: No Permit Required			
Company: Challenger Powerboats	Received	Completed	Permit #	Days Used
Location: 300 Westlink Dr	3/18/2004	9/29/2004		195
City: Washington	Description: Boat Building			
County: Franklin	Permit Type: AP: Applicability Determination Request			
Project#: AP200403104	Status: AP: No Permit Required			
Company: Riverstone Quarry, Inc.	Received	Completed	Permit #	Days Used
Location: 3120 COUNTY HIGHWAY O	7/13/2004	9/27/2004	092004-011	76
City: Villa Ridge	Description: Crushing Plant			
County: Franklin	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor			
Project#: AP200407037	Status: AP: Section 5 Permit Issued			
Company: Arch Enterprises	Received	Completed	Permit #	Days Used
Location: 1999 Hwy NN	5/20/2004	9/22/2004		125
City: Hermann	Description: Plastics and silver recycling			
County: Gasconade	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
Project#: AP200405104	Status: AP: No Permit Required			
Company: Cedar Rapids - Standard Havens Inc	Received	Completed	Permit #	Days Used
Location: 500 INDUSTRIAL DR	8/8/2002	9/16/2004	OP	770
City: Glasgow	Description: Terminate OP			
County: Howard	Permit Type: AOP: Intermediate Operating Permit Amendm			
Project#: AP200208040	Status: AP: Closed Out, Inactive			

Company: Caterpillar Inc-Chemical Prod-High Perf	Received	Completed	Permit #	Days Used
Location: 4225 ODC Road 1020	8/17/2004	9/8/2004		22
City: Pomona	Description:	Hose production		
County: Howell	Permit Type:	AP: Sec 5 & 6: Dminimis and Minor		
Project#: AP200408059	Status:	AP: No Permit Required		
Company: Chester Bross - Willow Springs	Received	Completed	Permit #	Days Used
Location: T27N:R09W:S33	9/3/2004	9/23/2004	0899-025M	20
City: Willow Springs	Description:	Concrete		
County: Howell	Permit Type:	AP: Sec 4: Relocate to New Site		
Project#: AP200409007	Status:	AP: Section 4 Permit Issued		
Company: Con-Agg of MO - Independence Ave.	Received	Completed	Permit #	Days Used
Location: T48N:R31W:S20:SW:NE	8/27/2004	9/17/2004	0793-021I	21
City: Lees Summit	Description:	Concrete		
County: Jackson	Permit Type:	AP: Sec 4: Relocate to New Site		
Project#: AP200408084	Status:	AP: Section 4 Permit Issued		
Company: Hallmark Cards, Inc	Received	Completed	Permit #	Days Used
Location: 2501 MCGEE ST	8/25/2004	9/10/2004	1080	16
City: Kansas City	Description:	4-color press		
County: Jackson	Permit Type:	AP: Local CP		
Project#: AP200408079	Status:	AP: Permit Issued		
Company: International Paper Company	Received	Completed	Permit #	Days Used
Location: 4343 CLARY BLVD	4/24/2000	9/20/2004	OP	1610
City: Kansas City	Description:	Paper and Cardboard - Intermediate		
County: Jackson	Permit Type:	AOP: Intermediate Operating Permit		
Project#: EX200004094	Status:	AP: OP Application Replaced by New Submi		
Company: St. Luke's East	Received	Completed	Permit #	Days Used
Location: 100 NW St. Luke's Blvd.	6/21/2004	9/10/2004	092004-004	81
City: Lees Summit	Description:	Hospital		
County: Jackson	Permit Type:	AP: Sec 5 & 6: Dminimis and Minor		
Project#: AP200406068	Status:	AP: Section 5 Permit Issued		
Company: Bussen Quarries, Inc.	Received	Completed	Permit #	Days Used
Location: 6800 BUSSEN RD	6/1/2001	9/13/2004		1200
City: EUREKA	Description:	Dust control scenarios		
County: Jefferson	Permit Type:	AP: IR Sec 5 & 6: Dminimis and Minor		
Project#: AP200106004	Status:	AP: Closed Out Inappropriate Request		
Company: Willmix Concrete Products	Received	Completed	Permit #	Days Used
Location: 1800 US Hwy 61 S	4/22/2004	9/2/2004	092004-002	133
City: Festus	Description:	Increase Production		
County: Jefferson	Permit Type:	AP: IR Sec 5 & 6: Dminimis and Minor		
Project#: AP200404117	Status:	AP: Section 5 Permit Issued		
Company: Lebanon City Humane Society	Received	Completed	Permit #	Days Used
Location: County Rd 64-906	9/24/2004	9/30/2004		6
City: Lebanon	Description:	Incinerator		
County: Laclede	Permit Type:	AOP: Applicability Determination Requests		
Project#: AP200409070	Status:	AP: Permit Required		
Company: Lowe Boats Inc	Received	Completed	Permit #	Days Used
Location: 2900 Industrial Drive	9/1/2004	9/27/2004		26
City: Lebanon	Description:	Glue Station		
County: Laclede	Permit Type:	AP: Applicability Determination Request		
Project#: AP200409003	Status:	AP: No Permit Required		

Company: Bailey Limestone Co., Inc. - Chesapeake	Received	Completed	Permit #	Days Used
Location: County Rd 1150	8/30/2004	9/24/2004	092001-013C	25
City: Mt. Vernon	Description:	Asphalt-electrosub		
County: Lawrence	Permit Type:	AP: Sec 4: Relocate to New Site		
Project#: AP200408095	Status:	AP: Section 4 Permit Issued		
Company: Fred Weber Inc	Received	Completed	Permit #	Days Used
Location: 3913 County Hwy B	5/12/2004	9/13/2004	092004-006	124
City: Auburn	Description:	Make Portable Crusher Stationary		
County: Lincoln	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200405068	Status:	AP: Section 5 Permit Issued		
Company: Magruder Limestone at Lincoln Co Hwy Dp	Received	Completed	Permit #	Days Used
Location: Quarry Road	9/24/2004	9/29/2004	022002-012B	5
City: Troy	Description:	Rock Crushing		
County: Lincoln	Permit Type:	AP: Sec 4: Relocate Approved Site		
Project#: AP200409069	Status:	AP: Section 4 Permit Issued		
Company: Fred Carlson - Hwy 36	Received	Completed	Permit #	Days Used
Location: T57N:R16W:S07:NW:SW	9/15/2004	9/24/2004	022004-011	9
City: Macon	Description:	Concrete		
County: Macon	Permit Type:	AP: Sec 4: Relocate to New Site		
Project#: AP200409046	Status:	AP: Section 4 Permit Issued		
Company: Delta-Catherine Stone Company	Received	Completed	Permit #	Days Used
Location: T33N:R06E:S01 County Hwy H	6/1/2004	9/1/2004	092004-001	92
City: Fredericktown	Description:	Quarry/Rock crushing - electrosub		
County: Madison	Permit Type:	AP: IR Sec 5 & 6: Deminimis and Minor		
Project#: AP200406007	Status:	AP: Section 5 Permit Issued		
Company: Lake Ozark Sand and Gravel	Received	Completed	Permit #	Days Used
Location: 14 County Hwy V	9/17/2004	9/21/2004	042002-012	4
City: Bagnell	Description:	Rock Crushing		
County: Miller	Permit Type:	AP: Sec 4: Relocate Approved Site		
Project#: AP200409056	Status:	AP: Section 4 Permit Issued		
Company: A E C I New Madrid	Received	Completed	Permit #	Days Used
Location: St. Jude Road	9/23/2004	9/29/2004		6
City: New Madrid	Description:	Diesel-powered Air compressors		
County: New Madrid	Permit Type:	AP: Temporary or Pilot Plant Permit		
Project#: AP200409067	Status:	AP: Temporary Permit Issued		
Company: Noranda Aluminum Inc	Received	Completed	Permit #	Days Used
Location: St. Jude Industrial Park	8/30/2004	9/27/2004		28
City: New Madrid	Description:	Welding fume handling		
County: New Madrid	Permit Type:	AP: Sec 5 & 6: Deminimis and Minor		
Project#: AP200408096	Status:	AP: No Permit Required		
Company: ANR Pipeline Co	Received	Completed	Permit #	Days Used
Location: 33854 County Hwy TT	9/9/2004	9/27/2004		18
City: Maitland	Description:	Temporary Generator		
County: Nodaway	Permit Type:	AP: Applicability Determination Request		
Project#: AP200409032	Status:	AP: No Permit Required		
Company: APAC at Mertens Osage	Received	Completed	Permit #	Days Used
Location: T42N:R09W:S07	9/9/2004	9/13/2004	042001-010	4
City: Westphalia	Description:	Asphalt		
County: Osage	Permit Type:	AP: Sec 4: Relocate Approved Site		
Project#: AP200409016	Status:	AP: Section 4 Permit Issued		

Company: Capital Quarries, Inc.	Received	Completed	Permit #	Days Used
Location: T43N:R07W:S19:SE:SE County Rd 810	8/9/2002	9/16/2004	OP	769
City: Linn	Description:	Terminate OP		
County: Osage	Permit Type:	AOP: Basic Operating Permit Amendment		
Project#: AP200208062	Status:	AP: Closed Out Inappropriate Request		
Company: Quaker Window Products Company	Received	Completed	Permit #	Days Used
Location: US Hwy 63 South	8/10/2004	9/8/2004		29
City: Freeburg	Description:	Painting and routing		
County: Osage	Permit Type:	AP: Sec 5 & 6: Dminimis and Minor		
Project#: AP200408029	Status:	AP: No Permit Required		
Company: Fischer - Dunham Quarry	Received	Completed	Permit #	Days Used
Location: 21400 Mittelhauser Road	6/10/2004	9/27/2004	092004-012	109
City: Sedalia	Description:	Make Generic, add BMPs-electrosub		
County: Pettis	Permit Type:	AP: IR Sec 5 & 6: Dminimis and Minor		
Project#: AP200406038	Status:	AP: Section 5 Permit Issued		
Company: Union Pacific Railroads	Received	Completed	Permit #	Days Used
Location: 451 South Marshall Avenue	7/26/2004	9/8/2004		44
City: Sedalia	Description:	Soil Remediation		
County: Pettis	Permit Type:	AP: Applicability Determination Request		
Project#: AP200407076	Status:	AP: No Permit Required		
Company: Waterloo Industries	Received	Completed	Permit #	Days Used
Location: 1500 Waterloo Dr	7/21/2004	9/13/2004		54
City: Sedalia	Description:	Plant Expansion		
County: Pettis	Permit Type:	AP: Sec 5 & 6: Dminimis and Minor		
Project#: AP200407055	Status:	AP: Closed out, per policy		
Company: Dyno Nobel Inc	Received	Completed	Permit #	Days Used
Location: 11025 Hwy D	8/30/2004	9/10/2004	092004-003	11
City: Louisiana	Description:	Boiler Extension		
County: Pike	Permit Type:	AP: Temporary or Pilot Plant Permit		
Project#: AP200408092	Status:	AP: Temporary Permit Issued		
Company: Woodbridge Corporation	Received	Completed	Permit #	Days Used
Location: 555 NW PLATTE VALLEY DR	9/15/2004	9/23/2004		8
City: Riverside	Description:	Stamping Process		
County: Platte	Permit Type:	AP: Sec 5 & 6: Dminimis and Minor		
Project#: AP200409047	Status:	AP: No Permit Required		
Company: Blue Grass Redi Mix LLC	Received	Completed	Permit #	Days Used
Location: 16500 BLUE GRASS DRIVE	9/16/2004	9/27/2004	0695-033B	11
City: Waynesville	Description:	Correction to update worksheet emission facto		
County: Pulaski	Permit Type:	AP: Corrections & Amendments		
Project#: AP200409050	Status:	AP: Amendment Approved		
Company: Lake Ozark Sand & Gravel at Waynesville	Received	Completed	Permit #	Days Used
Location: 503 Historic US Hwy 66 W	9/8/2004	9/14/2004		6
City: Waynesville	Description:	Rock Crushing-electrosub		
County: Pulaski	Permit Type:	AP: IR Sec 5 & 6: Dminimis and Minor		
Project#: AP200409014	Status:	AP: Application Withdrawn by Applicant		
Company: Continental Cement Company - Ilasco	Received	Completed	Permit #	Days Used
Location: 10107 MO Hwy 79	7/22/2002	9/9/2004	OP	780
City: Hannibal	Description:	Portland Cement & hazardous waste combusto		
County: Ralls	Permit Type:	AOP: Part 70 Operating Permit 112J Revision		
Project#: AP200207123	Status:	AP: Closed out, per policy		

Company: Continental Cement Company - Ilasco	Received 9/23/2004	Completed 9/29/2004	Permit #	Days Used 6
Location: 10107 MO Hwy 79	Description: Six-month extension			
City: Hannibal	Permit Type: AP: Corrections & Amendments			
County: Ralls	Status: AP: Extension Granted			
Project#: AP200409064				
Company: Hunt Midwest - Green Quarry	Received 6/22/2004	Completed 9/3/2004	Permit # 032003-004	Days Used 73
Location: 35932 MO Hwy 10	Description: Replace screen and bins			
City: Rayville	Permit Type: AP: IR Applicability Determination Request			
County: Ray	Status: AP: Permit Required			
Project#: AP200406120				
Company: Ray County Stone Producers	Received 2/23/2004	Completed 9/29/2004	Permit # 092004-013	Days Used 219
Location: 17279 Maddux Rd	Description: Concrete Mix Plant			
City: Rayville	Permit Type: AP: IR Sec 5 & 6: Deminimis and Minor			
County: Ray	Status: AP: Section 5 Permit Issued			
Project#: AP200402095				
Company: JW Woodworks, Inc.	Received 5/17/2004	Completed 9/29/2004	Permit # 092004-014	Days Used 135
Location: T23N:R04E:S11	Description: Cabinet and countertop			
City: Fairdealing	Permit Type: AP: Sec 5 & 6: Deminimis and Minor			
County: Ripley	Status: AP: Section 5 Permit Issued			
Project#: AP200405088				
Company: TEPPCO	Received 9/9/2004	Completed 9/13/2004	Permit # 092004-005	Days Used 4
Location: 10653 COUNTY HWY N	Description: Portable combustion system			
City: SCOTT CITY	Permit Type: AP: Temporary or Pilot Plant Permit			
County: Scott	Status: AP: Section 5 Permit Issued			
Project#: AP200409027				
Company: Flat River Glass Co	Received 8/9/2004	Completed 9/8/2004	Permit #	Days Used 30
Location: 1000 TAYLOR AVE	Description: Furnace Repair Project			
City: Flat River	Permit Type: AP: Applicability Determination Request			
County: St. Francois	Status: AP: No Permit Required			
Project#: AP200408063				
Company: Airport Investment Co., Inc.	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 5000 Bussen Rd	Description:			
City: Mehlville	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Awaiting Technical Review			
Project#: AP200302035				
Company: Bodine Aluminum, Inc.	Received 3/11/2003	Completed 9/1/2004	Permit # OP	Days Used 540
Location: 2100 Walton road	Description: Aluminum			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Awaiting Technical Review			
Project#: AP200303048				
Company: Breckenridge Material Company, Inc.	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 15 Allenton Road	Description:			
City: Eureka	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Awaiting Technical Review			
Project#: AP200302030				
Company: Breckenridge Material Company, Inc.	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 2305 Creve Coeur Mill Roa	Description:			
City: Maryland Heights	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis	Status: AP: Awaiting Technical Review			
Project#: AP200302028				

Company: Breckenridge Material Company, Inc.	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 2829 Breckenridge Ind Ct	Description:	Permit Type: AOP: Basic Operating Permit Renewal Status: AP: Awaiting Technical Review		
City: St. Louis				
County: St. Louis				
Project#: AP200302033				
Company: Breckenridge Material Company, Inc.	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 2315 CREVE COEUR MILL RD	Description:	Permit Type: AOP: Basic Operating Permit Renewal Status: AP: Awaiting Technical Review		
City: St. Louis				
County: St. Louis				
Project#: AP200302029				
Company: Breckenridge Material Company, Inc.	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 16625 Chesterfield Airport Rd	Description:	Permit Type: AOP: Basic Operating Permit Renewal Status: AP: Awaiting Technical Review		
City: St. Louis				
County: St. Louis				
Project#: AP200302031				
Company: Breckenridge Material Company, Inc.	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 15525 Worthington Dr	Description:	Permit Type: AOP: Basic Operating Permit Renewal Status: AP: Awaiting Technical Review		
City: St. Louis				
County: St. Louis				
Project#: AP200302032				
Company: Centaur Concrete Co	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 18547 CENTAUR ROAD	Description:	Permit Type: AOP: Basic Operating Permit Renewal Status: AP: Awaiting Technical Review		
City: Chesterfield				
County: St. Louis				
Project#: AP200302037				
Company: Devcon Futura Coatings	Received 9/15/2004	Completed 9/23/2004	Permit # 6908	Days Used 8
Location: 1685 Galt Industrial Blvd	Description: Paint Booth	Permit Type: AP: Local CP Status: AP: Permit Issued		
City: St. Louis				
County: St. Louis				
Project#: AP200409048				
Company: Five Star Ready Mix Concrete C	Received 10/17/2002	Completed 9/1/2004	Permit # OP	Days Used 685
Location: 541 Fee Fee Rd.	Description: Concrete	Permit Type: AOP: Basic Operating Permit Renewal Status: AP: Operating Permit Issued		
City: Maryland Heights				
County: St. Louis				
Project#: AP200210117				
Company: Keinstra Concrete Company	Received 2/5/2003	Completed 9/1/2004	Permit # OP	Days Used 574
Location: 160 Missouri Bottom Rd	Description:	Permit Type: AOP: Basic Operating Permit Renewal Status: AP: Received Basic OP Issued		
City: Bridgeton				
County: St. Louis				
Project#: AP200302040				
Company: KV Pharmaceutical	Received 9/15/2004	Completed 9/23/2004	Permit # 6909-6911	Days Used 8
Location: #1 Corporate Woods	Description: Boilers, Capsule-making	Permit Type: AP: Local CP Status: AP: Permit Issued		
City: Bridgeton				
County: St. Louis				
Project#: AP200409049				
Company: KV Pharmaceutical Company	Received 7/1/2002	Completed 9/1/2004	Permit # OP	Days Used 793
Location: 8050 Litzsinger	Description: Pharmaceuticals	Permit Type: AOP: Basic Operating Permit Renewal Status: AP: Received Basic OP Issued		
City: St. Louis				
County: St. Louis				
Project#: AP200207023				

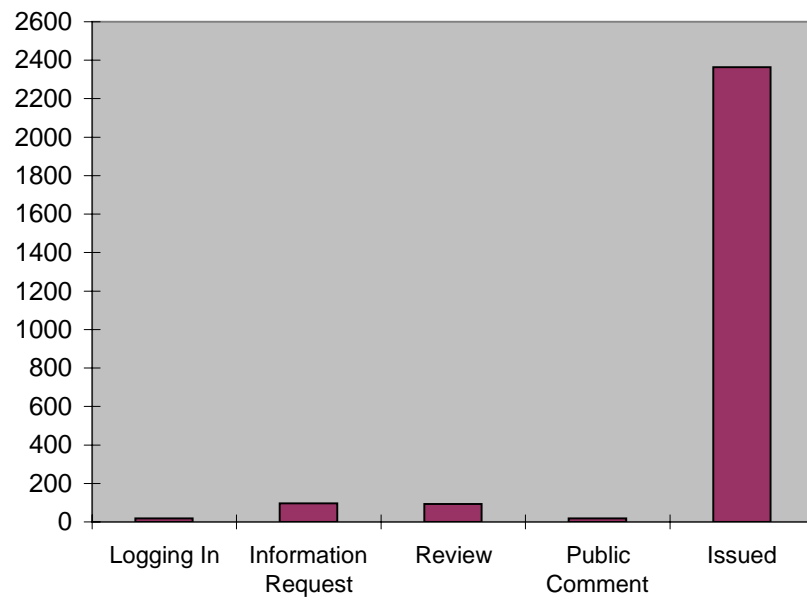
Company: Landvatter Ready Mix	Received	Completed	Permit #	Days Used
Location: 3000 Barrett Station Road	3/24/2003	9/1/2004	OP	527
City: Kirkwood	Description: Concrete			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200303122	Status: AP: Awaiting Technical Review			
Company: Metro Materials - Hanley	Received	Completed	Permit #	Days Used
Location: 5226 Martin Luther King B	5/9/2003	9/1/2004	OP	481
City: Kinloch	Description: General OP - Concrete			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200306096	Status: AP: Awaiting Technical Review			
Company: Missouri Air National Guard	Received	Completed	Permit #	Days Used
Location: 10800 Lambert International Blvd.	1/31/2003	9/1/2004	OP	579
City: Bridgeton	Description: Aviation			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200302023	Status: AP: Awaiting Technical Review			
Company: PM Resources	Received	Completed	Permit #	Days Used
Location: 13001 St Charles Rock Rd	2/5/2003	9/1/2004	OP	574
City: Bridgeton	Description:			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200302038	Status: AP: Awaiting Technical Review			
Company: Red Bird Pre-Mix Company	Received	Completed	Permit #	Days Used
Location: 13570 St. Charles Rock Rd	2/5/2003	9/1/2004	OP	574
City: Bridgeton	Description:			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200302039	Status: AP: Awaiting Technical Review			
Company: Stout Industries, Inc	Received	Completed	Permit #	Days Used
Location: 6425 West Florissant Ave.	1/31/2003	9/1/2004	OP	579
City: Jennings	Description:			
County: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
Project#: AP200302024	Status: AP: Awaiting Technical Review			
Company: Alumax Foils Inc.	Received	Completed	Permit #	Days Used
Location: 6100 S BROADWAY	5/15/2002	9/23/2004	OP	862
City: St. Louis	Description: Boilers and Heaters			
County: St. Louis City	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
Project#: AP200205175	Status: AP: Closed out, per policy			
Company: Anheuser - Busch, Inc.	Received	Completed	Permit #	Days Used
Location: 1 BUSCH PL	5/20/2002	9/23/2004	OP	857
City: St. Louis	Description: Brewery			
County: St. Louis City	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
Project#: AP200205254	Status: AP: Permit Required			
Company: Anheuser - Busch, Inc.	Received	Completed	Permit #	Days Used
Location: 1 BUSCH PL	8/30/2004	9/3/2004	99-06-041A	4
City: St. Louis	Description: Graphics Cap revision			
County: St. Louis City	Permit Type: AP: Local CP			
Project#: AP200408102	Status: AP: Permit Issued			
Company: Anheuser - Busch, Inc.	Received	Completed	Permit #	Days Used
Location: 1 BUSCH PL	8/30/2004	9/3/2004	04-06-012	4
City: St. Louis	Description: Brewlines revision			
County: St. Louis City	Permit Type: AP: Local CP			
Project#: AP200408101	Status: AP: Permit Issued			

Company: Bissel Point Waste Water Treatment Plnt	Received 5/28/2002	Completed 9/23/2004	Permit # OP	Days Used 849
Location: 10 E GRAND AVE	Description: Water Treatment			
City: St. Louis	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: St. Louis City	Status: AP: Closed out, per policy			
Project#: AP200205363				
Company: BJC Health System	Received 7/16/2002	Completed 9/23/2004	Permit # OP	Days Used 800
Location: 4949 Barnes Hospital Plaza	Description: Industrial Boilers			
City: St. Louis	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: St. Louis City	Status: AP: Closed out, per policy			
Project#: AP200207101				
Company: Four Star Finishing Co Inc	Received 7/16/2003	Completed 9/9/2004	Permit # OP03012	Days Used 421
Location: 707 Shenandoah Ave	Description: Chrome Plating			
City: St. Louis	Permit Type: AOP: Basic Operating Permit Renewal			
County: St. Louis City	Status: AP: Operating Permit Issued			
Project#: AP200307096				
Company: Laclede Gas	Received 5/15/2002	Completed 9/23/2004	Permit # OP	Days Used 862
Location: 720 Olive Street	Description: Boilers and Engines			
City: St. Louis	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: St. Louis City	Status: AP: Closed out, per policy			
Project#: AP200205174				
Company: Mallinckrodt Chemical	Received 6/24/2002	Completed 9/23/2004	Permit #	Days Used 822
Location: 3600 N 2ND ST	Description: Subparts DDDDD & FFFF			
City: St. Louis	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: St. Louis City	Status: AP: Closed out, per policy			
Project#: AP200206112				
Company: Mallinckrodt Chemical	Received 8/30/2004	Completed 9/3/2004	Permit # 04-07-014T	Days Used 4
Location: 3600 N 2ND ST	Description: Generators			
City: St. Louis	Permit Type: AP: Local CP			
County: St. Louis City	Status: AP: Permit Issued			
Project#: AP200408103				
Company: New World Pasta	Received 5/15/2002	Completed 9/23/2004	Permit # OP	Days Used 862
Location: 611 E Marceau	Description: Boilers and fumigation			
City: St. Louis	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: St. Louis City	Status: AP: Permit Required			
Project#: AP200205179				
Company: Precoat Metals	Received 5/14/2002	Completed 9/23/2004	Permit # OP	Days Used 863
Location: 4301 S SPRING AVE	Description: Subparts SSSS and DDDDD			
City: St. Louis	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: St. Louis City	Status: AP: Closed out, per policy			
Project#: AP200205127				
Company: Siegel Robert Plating	Received 5/20/2002	Completed 9/23/2004	Permit # OP	Days Used 857
Location: 8645 S BROADWAY	Description: Electroplating			
City: St. Louis	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: St. Louis City	Status: AP: Permit Required			
Project#: AP200205255				
Company: Sigma - Aldrich Chemical Co	Received 5/20/2002	Completed 9/23/2004	Permit # OP	Days Used 857
Location: 3500 DEKALB ST	Description: Chemical Manufacturing			
City: St. Louis	Permit Type: AOP: Part 70 Operating Permit 112J Revision			
County: St. Louis City	Status: AP: Closed out, per policy			
Project#: AP200205272				

Company: Swing-A-Way Mfg	Received	Completed	Permit #	Days Used
Location: 4100 Beck	3/8/2004	9/9/2004	OP04009	185
City: St. Louis	Description:	Can Openers		
County: St. Louis City	Permit Type:	AOP: Basic Operating Permit Renewal		
Project#: AP200403055	Status:	AP: Operating Permit Issued		
Company: The P D George Co	Received	Completed	Permit #	Days Used
Location: 5200 N 2ND ST	5/28/2002	9/23/2004	OP	849
City: St. Louis	Description:	Metal Parts and organics		
County: St. Louis City	Permit Type:	AOP: Part 70 Operating Permit 112J Revision		
Project#: AP200205364	Status:	AP: Closed out, per policy		
Company: U.S. Ringbinder	Received	Completed	Permit #	Days Used
Location: 6800 Arsenal	5/15/2002	9/23/2004	OP	862
City: St. Louis	Description:	Gas Boiler		
County: St. Louis City	Permit Type:	AOP: Part 70 Operating Permit 112J Revision		
Project#: AP200205177	Status:	AP: Closed out, per policy		
Company: APAC Brickey's Stone LLC	Received	Completed	Permit #	Days Used
Location: 13588 BRICKEYS RD	8/27/2004	9/2/2004	0796-004	6
City: Bloomsdale	Description:	Asphalt		
County: Ste. Genevieve	Permit Type:	AP: Sec 4: Relocate Approved Site		
Project#: AP200408098	Status:	AP: Section 4 Permit Issued		
Company: W. W. Wood Products, Inc.	Received	Completed	Permit #	Days Used
Location: 10331 Stanley Street	7/27/2004	9/1/2004	092004-015	36
City: Dudley	Description:	Finishing & drying facility		
County: Stoddard	Permit Type:	AP: Sec 5 & 6: Deminimis and Minor		
Project#: AP200407070	Status:	AP: Section 6 Permit Issued		
Company: Fred Weber - Washington Mem. Airport	Received	Completed	Permit #	Days Used
Location: T44N:R01W:S02:SW	8/30/2004	9/24/2004	1097-016E	25
City: Marthasville	Description:	Concrete		
County: Warren	Permit Type:	AP: Sec 4: Relocate to New Site		
Project#: AP200408094	Status:	AP: Section 4 Permit Issued		
Company: Lafarge North America-Pea Ridge	Received	Completed	Permit #	Days Used
Location: MO Hwy 185 South	7/28/2004	9/8/2004	112001-024	42
City: Sullivan	Description:	Remove moisture testing req.		
County: Washington	Permit Type:	AP: IR Applicability Determination Request		
Project#: AP200407079	Status:	AP: No Permit Required		
Company: Ash Grove Aggregates Inc	Received	Completed	Permit #	Days Used
Location: T32N:R18W:S34 N OF I-44 & Exit 107 CR69	9/24/2004	9/29/2004	0396-018	5
City: Marshfield	Description:	Rock Crushing		
County: Webster	Permit Type:	AP: Sec 4: Relocate Approved Site		
Project#: AP200409068	Status:	AP: Section 4 Permit Issued		

Operating Permit Progress Report as of 10-05-2004

		Permit Log In	Info Requests	APCP Review	Public Review	Issued	Total
Applicability Determination Requests	Subtotal	0	14	3	0	299	316
	% of total	0%	4%	1%	0%	95%	12%
Basic Permits	Subtotal	8	29	8	1	842	888
	% of total	1%	3%	1%	0%	95%	34%
Intermediate Permits	Subtotal	2	6	22	2	290	322
	% of total	1%	2%	7%	1%	90%	12%
Part 70 Permits	Subtotal	1	11	19	10	432	473
	% of total	0%	2%	4%	2%	91%	18%
Phase II Acid Rain Permits	Subtotal	0	1	1	0	50	52
	% of total	0%	2%	2%	0%	96%	2%
Local Permits	Subtotal	0	0	0	0	205	205
	% of total	0%	0%	0%	0%	100%	8%
Permit Modifications	Subtotal	8	36	40	5	246	335
	% of total	2%	11%	12%	1%	73%	13%
All Permits	Total	19	97	93	18	2364	2591
	% of total	1%	4%	4%	1%	91%	



RULE AND SIP AGENDA

October 28, 2004

Kirksville, MO

ACTIONS FOR PUBLIC HEARING:

- * Missouri State Implementation Plan – Maintenance Plan for the Missouri Portion of the St. Louis Ozone Nonattainment Area Including On-Road Motor Vehicle Emission Budgets

The Missouri Department of Natural Resources is proposing to establish mobile source emission budgets for conformity purposes for the St. Louis ozone nonattainment area. Although the 2007 emission budgets were not formally established as a motor vehicle budget in the 1-hour ozone maintenance plan, the 2007 emissions budgets were included in the maintenance plan as emissions estimates for projected emissions inventories for that year. The mobile source emission budgets establish a cap on emissions that cannot be exceeded by predicted highway and transit vehicle emissions. The department has worked with the East-West Gateway Council of Governments Interagency Consultation Group in establishing the year 2007 mobile source budgets.

ACTIONS TO BE VOTED ON:

- * 10 CSR 10-6.061 (amendment) Construction Permit Exemptions

This proposed amendment will amend the insignificant levels used for construction permit exemptions and also add a new exemption for manufacturing operations that produce insignificant emissions. These changes were requested by the Air Quality Advisory Forum.

- * 10 CSR 10-6.120 (amendment) Restriction of Emissions of Lead From Specific Lead Smelter-Refinery Installations

This proposed amendment will delete references to Doe Run, Glover in the lead emissions limitation section of this rule. The stack emission and throughput limitations are no longer needed in the rule because they have been incorporated into a settlement agreement with Doe Run as part of the maintenance plan.

December 9, 2004
Jefferson City, MO

ACTIONS FOR PUBLIC HEARING

(None Scheduled)

ACTIONS TO BE VOTED ON:

- * Missouri State Implementation Plan – Maintenance Plan for the Missouri Portion of the St. Louis Ozone Nonattainment Area Including On-Road Motor Vehicle Emission Budgets

The Missouri Department of Natural Resources is proposing to establish mobile source emission budgets for conformity purposes for the St. Louis ozone nonattainment area. Although the 2007 emission budgets were not formally established as a motor vehicle budget in the 1-hour ozone maintenance plan, the 2007 emissions budgets were included in the maintenance plan as emissions estimates for projected emissions inventories for that year. The mobile source emission budgets establish a cap on emissions that cannot be exceeded by predicted highway and transit vehicle emissions. The department has worked with the East-West Gateway Council of Governments Interagency Consultation Group in establishing the year 2007 mobile source budgets.

**A Proposed State Implementation Plan Revision
to Adopt Motor Vehicle Emissions Budgets
for the Purpose of Conducting Transportation Conformity
for the 8-Hour Ozone Standard
in the St. Louis, Missouri Area**

October 2004

**Missouri Department of Natural Resources
Air and Land Protection Division
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102-0176**

**A Proposed State Implementation Plan Revision
to Adopt Motor Vehicle Emissions Budgets
for the Purpose of Conducting Transportation Conformity
for the 8-Hour Ozone Standard
in the St. Louis, Missouri Area**

On April 30, 2004, the United States Environmental Protection Agency (EPA) issued the final nonattainment boundaries for areas violating the 8-hour ozone standard (69 FR 23858). The effective date for these boundary designations was June 15, 2004. In the Missouri portion of the St. Louis ozone nonattainment area, Franklin, Jefferson, St. Charles, and St. Louis Counties and the City of St. Louis were designated as nonattainment. This area, and four St. Louis area counties located in Illinois, were designated as a “Moderate” ozone nonattainment area, and are required to attain the 8-hour ozone standard by 2010.

Section 176(c) of the Clean Air Act (CAA) requires nonattainment areas to demonstrate conformity of the area’s Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP) to the new standards within one year of the effectiveness date of the nonattainment area designation. Therefore, the St. Louis area has until June 15, 2005, to conform its RTP and TIP for the 8- hour ozone standard to avoid these plans from lapsing.

On July 1, 2004, the EPA issued amended transportation conformity regulations (69 FR 40004), which, among other things, established requirements for conducting conformity for 8-hour ozone nonattainment areas. The conformity amendments allow the use of either “interim emissions tests” or the use of established 1-hour ozone motor vehicle emissions budgets to demonstrate conformity for the 8-hour standard. The interim emissions tests include a “less than 2002 baseline” test and a “Build/No-Build” test. Under these tests, motor vehicle emissions in the analysis years must be both less than emissions in the 2002 base year, and motor vehicle emissions resulting from the implementation of the RTP and TIP, the “Build” scenario, must be less than motor vehicle emissions if the projects in the proposed RTP or TIP were not built, the “No-Build” scenario.

As mentioned, the amendments also allow the use of motor vehicle emissions budgets already established to address the 1-hour ozone standard. The “Maintenance Plan for the Missouri Portion of the St. Louis Nonattainment Area” (Maintenance Plan) approved by the EPA on May 12, 2003 (68 FR 25418), includes motor vehicle emissions budgets for emissions of volatile organic compounds (VOC) and oxides of nitrogen (NOx) for the year 2014, the last year of the maintenance plan. The following table reflects the approved Missouri portion St. Louis VOC and NOx 2014 motor vehicle emissions budgets.

**2014 St. Louis, Missouri Maintenance Plan
VOC and NOx Motor Vehicle Emissions Budgets**
(Emissions stated in tons per ozone season weekday)

Category	Source	VOC	NOx
Motor Vehicle Emissions		47.14	68.59

However, as the St. Louis region is required to attain the 8-hour standard by 2010, a motor vehicle emissions budget for a year prior to 2010 must be used. Although not formally established as a motor vehicle emissions budget, the 1-hour ozone Maintenance Plan included estimates of motor vehicle emissions for the year 2007. These estimates of motor vehicle emissions, which incorporate the assumptions and control measures included in the Maintenance Plan, are contained in the table below.

**2007 Franklin, Jefferson, St. Charles, St. Louis Counties
and the City of St. Louis Maintenance Plan
VOC and NO_x Motor Vehicle Emissions Estimates**
(Emissions stated in tons per ozone season weekday)

Category	Source	VOC	NO _x
Motor Vehicle Emissions		74.46	130.55

Due largely to the implementation of the national Tier II motor vehicle emissions standards, the 2007 emissions estimates are also less than the 2002 base year motor vehicle emissions estimates. Therefore, requiring conformity to the 2007 emissions levels is more protective of air quality. The following table contains the 8-hour ozone standard 2002 base year VOC and NO_x motor vehicle emissions estimates for Franklin, Jefferson, St. Charles, and St. Louis Counties and the City of St. Louis.

**2002 Base Year
Franklin, Jefferson, St. Charles, St. Louis Counties
and the City of St. Louis
VOC and NO_x Motor Vehicle Emissions Estimates**
(Emissions stated in tons per ozone season weekday)

Category	Source	VOC	NO _x
Motor Vehicle Emissions		100.70	181.08

Based on discussions with the EPA, Federal Highway Administration, and members of the East-West Gateway Inter-Agency Consultation Group, it was agreed that the 2007 motor vehicle emissions estimates could be formalized as motor vehicle emissions budgets, and could be used in the conformity determination for the 8-hour ozone standard.

The Maintenance Plan also includes VOC and NO_x emissions estimates and projections from the major emissions source categories for the years 2000, 2007, and 2014. Below are the referenced tables which indicate that both VOC and NO_x emissions are projected to decline from 2000 through 2014.

**2000 St. Louis, Missouri Ozone Nonattainment Area
Maintenance Plan**

VOC and NOx Emissions

(Emissions stated in tons per ozone season weekday)

Category	Source	VOC	NOx
Point Sources		46.59	165.96
Area Sources		57.38	32.27
On-Road Mobile Sources		103.79	181.75
Off-Road Mobile Sources		40.59	73.16
Total		248.35	453.14

**2007 St. Louis, Missouri Ozone Nonattainment Area
Maintenance Plan**

VOC and NOx Emissions

(Emissions stated in tons per ozone season weekday)

Source Category	VOC	NOx
Point Sources	47.72	146.62
Area Sources	57.19	34.12
On-Road Mobile Sources	74.46	130.55
Off-Road Mobile Sources	27.91	66.01
Total	207.28	377.30

**2014 St. Louis, Missouri Ozone Nonattainment Area
Maintenance Plan**

VOC and NOx Emissions

(Emissions stated in tons per ozone season weekday)

Category	Source	VOC	NOx
Point Sources		51.73	155.45
Area Sources		59.42	35.58
On-Road Mobile Sources		47.14	68.59
Off-Road Mobile Sources		24.28	58.84
Total		182.57	318.46

Attached, as Attachment A, is an excerpt from the St. Louis Maintenance Plan State Implementation Plan (SIP) revisions entitled “Transportation Conformity” which deals with the establishment of motor vehicle emissions budgets. The document includes information, such as MOBILE6 model inputs and vehicle miles traveled (VMT) estimates for the years 2000, 2007 and 2014, which are pertinent to the development of the motor vehicle emissions estimates.

Based on the incorporation of the 2007 motor vehicle emissions estimates in the approved St. Louis 1-Hour Ozone Maintenance Plan, it is proposed that the 2007 VOC and NO_x motor vehicle emissions estimates be adopted as formal motor vehicle emissions estimates. As mentioned the MOBILE6 model inputs and VMT estimates used to develop these 2007 emissions estimates are detailed in Attachment A. The following table reflects the proposed 2007 VOC and NO_x motor vehicle emissions budgets for Franklin, Jefferson, St. Charles, and St. Louis Counties and the City of St. Louis in Missouri.

2007
Franklin, Jefferson, St. Charles, St. Louis Counties
and the City of St. Louis, Missouri
Proposed VOC and NO_x
Motor Vehicle Emissions Budgets

(Emissions stated in tons per ozone season weekday)

Source Category	VOC	NO _x
Motor Vehicle Emissions	74.46	130.55

The department’s Air Pollution Control Program recommends submitting the above motor vehicle emissions budgets as sub-area budgets only applicable to Franklin, Jefferson, St. Charles, and St. Louis Counties and the City of St. Louis portion of the St. Louis ozone nonattainment area. Sub-area budgets will allow conformity determinations to proceed separately, if necessary, for Illinois and Missouri. Sub-area budgets will still require the St. Louis area to conduct transportation conformity for the entire area (both Illinois and Missouri portions), but would allow transportation projects specific to a state to proceed if the budget test is met for that particular state. The designation of sub-area budgets for these areas is for the ease of implementing transportation conformity and will not interfere with maintenance of the 1-hour ozone standard in the region.

Attachment A

Redesignation Demonstration

And

**Maintenance Plan
for the Missouri Portion of the
St. Louis Ozone Nonattainment Area**

**Adoption
December 5, 2002**

**Missouri Department of Natural Resources
Air and Land Protection Division
Air Pollution Control Program
Jefferson City, Missouri**

Section 6. Transportation Conformity

Approval of the Maintenance Plan for the Missouri portion of the St. Louis one-hour ozone nonattainment area will establish new VOC and NO_x motor vehicle emissions budgets for the maintenance year, 2014. EPA requires motor vehicle emissions budget to be established for the last year of the maintenance plan. Table 6.1 describes motor vehicle sub-area emission budget for the Missouri portion of the St. Louis using MOBILE6. The department developed conformity procedures in Missouri State Rules 10 CSR 10-6.300 “Conformity of General Federal Actions to State Implementation Plans” and 10 CSR 10-5.480 “Conformity to State Implementation Plans of Transportation Plans” to implement section 176 of the CAAA. These state rules set forth policy, criteria, and procedures for demonstrating and assuring transportation conformity of such activities to the applicable implementation plan. Transportation plans, programs and projects must not cause or contribute to any new violation of any standards nor increase the frequency or severity of any existing violation of any standard in areas designated as nonattainment or maintenance for any criteria pollutant or standard. For the purpose of maintaining NAAQS, transportation conformity requires certain transportation activities to be consistent with motor vehicle emissions budgets contained in the maintenance plan. In order to demonstrate conformity to the motor vehicle emissions budget, emissions from the implementation of a transportation plan or a transportation improvement program must be less than or equal to the budget level.

Table 6.1 Missouri Portion of the St. Louis Motor Vehicle Emissions Budget for VOC and NO_x

<u>Budget Year</u>	<u>VOC</u>	<u>NO_x</u>
2014	47.14	68.59

6.1. MOBILE6-Based Motor Vehicle Emissions Budgets for the St. Louis Area

On January 29, 2002, the EPA released the MOBILE6 motor vehicle emissions factor model. MOBILE6 is a software application program that provides estimates of current and future emissions from highway motor vehicles. The model calculates emission rates under various conditions affecting in-use emission levels. MOBILE6 is used by the state to develop emission inventories and control strategies for SIPs and for transportation planning and conformity analysis. MOBILE6 is the latest in a series of models that date back to 1978, and is the first major update since the release of MOBILE5b in 1996. The state is required to revise the emissions budget after the final, formal release of MOBILE6 in the Federal Register.

Prior to MOBILE6 the state used MOBILE5 to calculate mobile emission factors. Because the state previously used MOBILE5 based estimates of the EPA’s Tier II/low sulfur gasoline rule in preparing motor vehicle emissions budgets the state is required to revise and submit the budget within one-two years after MOBILE6 is available. EPA offered two options for revising SIPs and budgets that relied on MOBILE5 Tier II estimates. States could commit to revise their budgets within one year after MOBILE6. Alternatively, states could commit to revise their

budgets within two years after MOBILE6 is released, if the state also commits that conformity will not be determined during the second year unless there are adequate SIP budgets in place that were developed using MOBILE6. For this maintenance plan, MOBILE6 was used in developing the motor vehicle emission budgets.

The mobile source budget is defined as the motor vehicle related portion of the projected emissions inventory used to demonstrate reasonable further progress milestones, attainment, or maintenance for a particular year specified in the SIP. The mobile source budget established a limit on emissions that cannot be exceeded by predicted highway and transit vehicle emissions. The CAA specifically requires conformity determinations to show that “emissions expected from implementation of plans and programs are consistent with estimates of emissions from motor vehicles and necessary emissions reductions contained in the applicable SIP”.

The St. Louis nonattainment area includes St. Louis City and the counties of Franklin, Jefferson, St. Charles, and St. Louis. While Franklin County is part of the nonattainment area the mobile controls used are different than the other counties and St. Louis City.

6.2. Comparison of MOBILE5b and MOBILE6

Numerous changes in the MOBILE model were made with the introduction of MOBILE6. The new model contains up to date and improved data on vehicle emissions. Past assumptions on emission technology and in-use deterioration have been analyzed and corrected. There are also new regulations that are incorporated into MOBILE6. As a result the emission factors and the resulting emissions are different from MOBILE5 to MOBILE6. In general MOBILE6 shows emissions to be higher in the past than with MOBILE5, but lower in the future.

EPA has stated that the benefits of the Tier II program cannot be accurately estimated until MOBILE6 is released. The MOBILE5 Tier II estimates were interim approximations based on national defaults rather than local information and were not completely compatible with a MOBILE5 baseline. Therefore MOBILE6 emissions estimates for an area may be substantially different from those based on the interim MOBILE5 Tier II estimates (from John Seitz policy guidance memo on SIP Development and Transportation Conformity).

MOBILE6 adds an “off-cycle” correction to account for the high emissions associated with air conditioning use and high acceleration driving. Studies show these off-cycle emissions are high for vehicles built before 2001, but are expected to decline as “Supplemental Federal Test Procedure” regulations are phased into reduce these emissions. This off-cycle correction tends to make emission estimates for older vehicles higher in MOBILE6 compared to MOBILE5.

MOBILE6 includes lower “basic emission rates” for light-duty cars and trucks (compared to MOBILE5) for late 1980s and early 1990s model year vehicles, as well as for 2001 and newer vehicles (light- and heavy-duty) subject to National Low Emission Vehicle and Tier II emission standards. In general, the emission credits associated with I/M programs are lower with MOBILE6 compared to MOBILE5, even though the percentage reductions (before and after I/M) are comparable.

EPA comparisons of the two models show that MOBILE5 and MOBILE6 tend to predict similar emission factors around year 2005 for both VOC and NOx.

The following table contains the St. Louis maintenance plan 2000, 2004, 2007, and 2014 motor vehicle emissions estimates developed using MOBILE6. Note that a motor vehicle emissions budget is not being proposed for the year 2000, but that emissions information is being provided to demonstrate that the St. Louis maintenance plan remains valid when incorporating the MOBILE6-based emissions estimates.

Table 6.3 Missouri Portion of the St. Louis MOBILE6-based Motor Vehicle Emissions Estimates in tons per day

	<u>2000</u>	<u>2014</u>
Volatile Organic Compounds	103.79	47.14
Oxides of Nitrogen	181.75	68.59

Should the St. Louis maintenance plan not be approved, then approval of this submittal would still address the state's commitment to replace the St. Louis Attainment Demonstration motor vehicle emissions budgets with those developed using MOBILE6.

6.3. MOBILE6 Model Input Assumptions

MOBILE6 requires specific command functions be inputted into the model. These command functions are the minimum and maximum temperature, the fuel RVP, and the calendar year of evaluation. All other command functions are considered optional in running the program. Calculations for min/max temperature were done as described in the Technical Guidance on the Use of MOBILE6 for Emission Inventory Preparation (January 2002). Information on the ten days experiencing the ten highest ozone concentrations over a consecutive three-year period during which the ozone NAAQS was exceeded was gathered (Appendix D). The temperature values were based on data gathered at Lambert International Airport in St. Louis, Missouri. The three consecutive year period was from 1999 - 2001. Minimum and maximum temperatures for those ten days were averaged and are used as input values for the model. These values are 72 and 93 degrees Fahrenheit, respectively. The humidity input value for the model was also calculated from the same ten days as described in the technical guidance document. This value is 60.4 grains of water per pound of dry air. This differs from the MOBILE6 default value of 75 grains of water per pound of dry air.

The fuel RVP was established in 1995 by state regulation 10 CSR 10-5.443 Control of Gasoline Reid Vapor Pressure at a level of 7.0 psi. In 1999, the State of Missouri opted into the federal Reformulated Gasoline (RFG) program. The RFG program and its fuel parameters supercede the RVP established by the state in 1995. Within the MOBILE6 model, the FUEL PROGRAM command contains the federal FRG fuel parameters and overwrites the RVP command.

The calendar year of evaluation value is used to reflect the year for which emission factors are calculated. The dates needed for this SIP revision are 2000, 2007 and 2014. Year 2004 is included for conformity purposes.

Registration data specific to the St. Louis nonattainment area was generated and imported as an external file into the MOBILE6 model. The external file is named VRegStl. The Missouri Department of Revenue supplied the registration data used to create the file. A query was run on passenger vehicles (LDGV) and trucks (LDGT12 and LDGT34). A towing weight category was used to subcategorize the vehicles. This includes both gas and diesel vehicles. Vehicles that were included in the counts had a unique vehicle identification number and had an assigned license plate number. Data was queried from a copy of the registration data provided on the first day of the month. This data was from July 2002. These classes of vehicles make up a significant portion of the vehicle population. MOBILE6 default registration data was used for all other vehicle classes.

The I/M waiver rates and cut points changed from year to year. The waiver rates in the I/M240 program for years 2000 to 2004 are above the rates expected. Waiver rates of 20.0 were used as realistic values for modeling. External cut point files were created to reflect the cut points used in the St. Louis area, however these external files were not used since MOBILE6 will not run the lower cut point values. The MOBILE6 default cut point file was used instead.

The I/M effectiveness was modeled at 50% for both HC and CO, and 0% for NOx. This is reflective of the true I/M benefits observed with the I/M program for years 1983-1999.

The VMT by facility is also specific to the St. Louis nonattainment area. The EWGCC provided data on VMT by facility by speed for each county and St. Louis City. EWGCC further divided this data into the AM and PM peak driving periods. The data was further divided into VMT by facility by speed by hour using technical guidance provided by the EPA. The external files that contain this information are named FrCoSVMT.def and StLoSVMT.def for the Franklin County and St. Louis area, respectively. The key planning assumptions that were utilized in the development of VMT data are population and employment forecasts. EWGCC utilized a document entitled “Legacy 2025 and FY 2003-2007 Transportation Improvement Program” and Appendix B: Population and Employment Forecasts. Population and employment data were consistent with the area source inventory assumptions.

Due to the differences in the I/M programs implemented in Franklin County versus the St. Louis area two MOBILE6 input files were created, one for each area. The emission total represents the combined emissions from the two separate MOBILE6 runs. Copies of the MOBILE6 input files and any external files called into the model are included in Appendix D. St. Louis city and St. Louis, St. Charles and Jefferson County gasoline powered light-duty vehicles are currently subject to a biennial, centralized, enhanced I/M program, consisting of IM240 and gas cap testing for 1981 and newer model year vehicles, BAR 97 testing for 1981 and newer model year vehicles that cannot be IM240 tested, BAR 90 testing for 1971-1980 model year vehicles, and

advisory-only OBD II testing for 1996 and newer model year vehicles. Franklin County gasoline-powered light-duty vehicles are currently subject to an annual, centralized, basic I/M program, consisting of BAR 90 testing for 1971 and newer model year vehicles, gas cap testing for 1981 and newer model year vehicles, and advisory-only OBD II testing for 1996 and newer model year vehicles.

Both areas are covered by the Rapid Screen element of the Gateway Clean Air Program, which exempts the cleanest vehicles from a station-based test.

Table 6.4 Missouri Portion of the St. Louis Nonattainment Area Average Summer Day Vehicles Miles Traveled (VMT)

VMT (in million miles)			
<u>Year</u>	<u>Franklin Co.</u>	<u>St. Louis Area*</u>	<u>Total</u>
1990			
2000	3.75	55.81	59.56
2004**	4.11	64.25	68.36
2007***	4.40	68.79	73.19
2014***	5.16	80.66	85.82

* St. Louis area is the City of St. Louis, Jefferson, St. Charles and St. Louis Counties

** Actual VMT from EWGCC

*** Growth rate of 2.3% per year from year 2004.

PUBLIC HEARING ON
PROPOSED REVISION TO
THE MISSOURI STATE IMPLEMENTATION PLAN—
MAINTENANCE PLAN FOR THE MISSOURI PORTION OF THE
ST. LOUIS OZONE NONATTAINMENT AREA INCLUDING
ON-ROAD MOTOR VEHICLE EMISSION BUDGETS

The Missouri Department of Natural Resources' Air Pollution Control Program is proposing to amend the Missouri State Implementation Plan (SIP). The proposal begins on the next page. This proposed change to the SIP will adopt motor vehicle emissions budgets for the purpose of conducting transportation conformity for the 8-Hour Ozone Standard in the St. Louis, Missouri area. If this proposed change to the SIP is adopted by the Missouri Air Conservation Commission, it will be submitted to the United States Environmental Protection Agency for inclusion in the Missouri SIP.

**COMMENTS AND RESPONSES ON
PROPOSED AMENDMENT
10 CSR 10-6.061
CONSTRUCTION PERMIT EXEMPTIONS
AND
RECOMMENDATION FOR ADOPTION**

On September 30, 2004, the Missouri Air Conservation Commission held a public hearing concerning the proposed amendment to 10 CSR 10-6.061 Construction Permit Exemptions. The following is a summary of comments received and the Missouri Department of Natural Resources' Air Pollution Control Program corresponding responses. Any changes to the proposed amendment are identified in the responses to the comments.

The Missouri Department of Natural Resources' Air Pollution Control Program recommends the commission adopt the rule action as revised.

NOTE 1 - Legend for rule actions to be voted on is as follows:

- * *Shaded Text - Rule sections or subsections unchanged from Public Hearing. This text is only for reference.*
- * *Unshaded Text - Rule sections or subsections that are changed from the proposed text presented at the Public Hearing, as a result of comments received during the public comment period.*

NOTE 2 - All unshaded text below this line will be printed in the Missouri Register.

**Title 10 - DEPARTMENT OF
NATURAL RESOURCES**

Division 10 - Air Conservation Commission

**Chapter 6 - Air Quality Standards, Definitions, Sampling and Reference Methods and Air
Pollution Control Regulations for the Entire State of Missouri**

ORDER OF RULEMAKING

By the authority vested in the Missouri Air Conservation Commission under section 643.050, RSMo 2000, the commission amends a rule as follows:

10 CSR 10-6.061 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on August 2, 2004 (29 MoReg 1193-1196). Those sections with changes are reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Missouri Department of Natural resources' Air pollution Control Program received verbal comments from Mississippi Lime Company speaking on behalf of Mississippi Lime Company, Regulatory Environmental Group For Missouri (REFORM) and the St. Louis Regional Chamber Growth Association (RCGA) and written comments from The Boeing Company and the U.S. Environmental Protection Agency (EPA). The Comments focused on support, language clarity, additions and changes.

COMMENT: The Boeing Company commented that the language proposed in paragraph (3)(A)3. allows for multiple pollutants to be exempt and still be over the threshold. This is probably not what was intended.

RESPONSE AND EXPLANATION OF CHANGE: As a result of this comment, paragraph (3)(A)3. has been reworded to clarify the intention of this new requirement.

COMMENT: The EPA commented that the proposed language -- Operations such as -- in subparagraph (3)(A)(2)DD. is open ended and should be deleted because it lacks sufficient specificity to clearly determine which operations are covered by the exemption.

RESPONSE AND EXPLANATION OF CHANGE: As a result of this comment, subparagraph (3)(A)2.DD. has been changed to clearly specify which operations are exempt.

COMMENT: The EPA commented that subparagraph (3)(A)(2)DD. should contain provisions applicable to any materials which could contain asbestos, beryllium or lead and describe how the source owner must measure to determine content.

RESPONSE AND EXPLANATION OF CHANGE: As a result of this comment, additional language has been added to subparagraph (3)(A)2.DD. to require material content determination based on review of Material Safety Data Sheets (MSDS), vendor material specifications and purchase order specifications.

Due to similar concerns addressed in the following two (2) comments, one (1) response that addresses these concerns can be found at the end of these two (2) comments.

COMMENT: The EPA commented on the reporting and record keeping requirements and pointed out that exemptions based on actual emissions are extremely difficult to monitor because of factors such as variability in emissions over time. Therefore, potential emissions are a better measure for applicability purposes, and they would generally not approve applicability limits based on actual emissions.

COMMENT: The Boeing Company commented that the proposed four (4)-ton volatile organic compound (VOC) threshold in subparagraph (3)(A)3.D. requires maintaining records in sufficient detail which is largely redundant in light of the Emissions Inventory Questionnaire (EIQ) requirement to report non-hazardous air pollutant VOC emissions from any emission unit with actual emissions greater than 200 lbs/year. For Title V permitted facilities, the proposed requirement to maintain records in sufficient detail to show compliance could be read to create an additional monitoring requirement on otherwise insignificant emission units in the operating permit.

RESPONSE AND EXPLANATION OF CHANGE: To address these comments, the department's Air Pollution Control Program has created a new subparagraph (3)(A)3.E. This new subparagraph contains language specific to reporting and record keeping with respect to emissions documentation and EIQ, MSDS, vendor and product purchase specifications. Activities that emit less than 4 tons per year are by definition insignificant activities and, therefore, the operating permit rule does not apply to these emission units.

COMMENT: The EPA commented that if the state chooses to retain the actual emissions level, the rule should contain specific and detailed requirements for determining actual emissions, or should require that the source establish a specific plan, subject to approval by the state, showing how it will determine actual emissions. These requirements should apply to VOC emissions and to other regulated pollutants. The source should then be required to meet the operating parameters specified in the rule or in the plan on a continuous basis. In addition, the rule should specify the consequences of exceeding the emissions levels as specified in the rule. At a minimum, this should include a requirement to apply for a construction permit for the source within a specified time-frame, in addition to penalties for violation of the limits.

RESPONSE AND EXPLANATION OF CHANGE: Language has been added in paragraph (3)(A)3. to require sources to keep records showing actual emissions are below the exemption thresholds. In an effort to address the specific and detailed requirement comment, the language refers to the EIQ emission calculation hierarchy as detailed in 10 CSR 10-6.110(3)(E). Typically, individual rules do not stipulate penalties. State rule 10 CSR 10-6.230 provides for administrative penalty mechanisms for violations and state statute 643.151.3. provides penalty assessments.

COMMENT: The EPA commented that section (4) should not be shown as not applicable because record keeping is required in previous sections of the rule.

RESPONSE AND EXPLANATION OF CHANGE: As a result of this comment the words -- not applicable -- have been removed from Section (4).

COMMENT: The EPA commented that Missouri will need to submit a substantial analysis showing that the revisions will not interfere with attainment and maintenance of the National Ambient Air Quality Standards to determine state implementation plan (SIP) approvability.

RESPONSE: This rule was developed using a stakeholder process and the issue of whether these exemptions would cause air quality problems was discussed. The stakeholders concluded that these exemptions will not substantially impact air quality. In addition, staff prepared an analysis of this issue and this analysis will be submitted to the EPA as part of the request for to include this revision as part of the SIP. It should also be noted that this rule only exempts sources from minor or de minimis permits. No wording changes have been made as a result of these comments.

COMMENT: Mississippi Lime Company's commentor provided direct and full support for this rulemaking on behalf of REGFORM, RCGA and Mississippi Lime Company.

COMMENT: The Boeing Company commented in writing that they conceptually support this rule action and specifically supported the exemption for certain machining operations.

RESPONSE: The department's Air Pollution Control Program appreciates this support. No wording changes have been made as a result of these comments.

10 CSR 10-6.061 Construction Permit Exemptions

- (1) Applicability. This rule shall apply to all installations in Missouri. The provisions of section (3) of this rule notwithstanding, 10 CSR 10-6.060 shall apply to any construction, reconstruction, alteration or modification which—
 - (A) Is expressly required by an operating permit; or
 - (B) Is subject to federally-mandated construction permitting requirements set forth in sections (7), (8), or (9), or any combination of these, of 10 CSR 10-6.060.
- (2) Definitions. Definitions for certain terms specified in this rule may be found in 10 CSR 10-6.020.
- (3) General Provisions. The following construction or modifications are not required to obtain a permit under 10 CSR 10-6.060:
 - (A) Exempt Emission Units.
 1. The following combustion equipment is exempt from 10 CSR 10-6.060 if the equipment emits only combustion products, and the equipment produces less than one hundred fifty (150) pounds per day of any air contaminant:
 - A. Any combustion equipment using exclusively natural gas or liquefied petroleum gas or any combination of these with a capacity of less than ten (10) million British thermal units (Btus) per hour heat input;
 - B. Any combustion equipment with a capacity of less than one (1) million Btus per hour heat input;
 - C. Drying or heat treating ovens with less than ten (10) million Btus per hour capacity provided the oven does not emit pollutants other than the combustion products and the oven is fired exclusively by natural gas, liquefied petroleum gas, or any combination thereof; and
 - D. Any oven with a total production of yeast leavened bakery products of less than ten thousand (10,000) pounds per operating day heated either electrically or exclusively by natural gas firing with a maximum capacity of less than ten (10) million Btus per hour.
 2. The following establishments, systems, equipment and operations are exempt from 10 CSR 10-6.060:
 - A. Office and commercial buildings, where emissions result solely from space heating by natural or liquefied petroleum gas of less than twenty (20) million Btus per hour heat input. Incinerators operated in conjunction with these sources are not exempt unless the incinerator operations are exempt under another section of this rule;
 - B. Comfort air conditioning or comfort ventilating systems not designed or used to remove air contaminants generated by, or released from, specific units of equipment;
 - C. Equipment used for any mode of transportation;
 - D. Livestock markets and livestock operations, including animal feeding operations and concentrated animal feeding operations as those terms are defined by 40 CFR 122.23 and all manure storage and application systems associated with livestock markets or

livestock operations, that were constructed on or before November 30, 2003. This exemption includes any change, installation, construction or reconstruction of a process, process equipment, emission unit, or air cleaning device after November 30, 2003, unless such change, installation, construction or reconstruction involves an increase in the operation's capacity to house or grow animals.

- E. Any grain handling, storage and drying facility which—
 - (I) Is in noncommercial use only (used only to handle, dry or store grain produced by the owner if)—
 - (a) The total storage capacity does not exceed seven hundred fifty thousand (750,000) bushels;
 - (b) The grain handling capacity does not exceed four thousand (4,000) bushels per hour; and
 - (c) The facility is located at least five hundred feet (500') from any recreational area, residence or business not occupied or used solely by the owner;
 - (II) Is in commercial use and the total storage capacity of the new and any existing facility(ies) does not exceed one hundred ninety thousand (190,000) bushels; or
 - (III) The installation of additional grain storage capacity in which there is no increase in hourly grain handling capacity and existing grain receiving and loadout equipment are utilized;
- F. Restaurants and other retail establishments for the purpose of preparing food for employee and guest consumption;
- G. Any wet sand and gravel production facility that obtains its material from subterranean and subaqueous beds where the deposits of sand and gravel are consolidated granular materials resulting from natural disintegration of rock and stone and whose maximum production rate is less than five hundred (500) tons per hour. All permanent in-plant roads shall be paved and cleaned, or watered, or properly treated with dust-suppressant chemicals as necessary to achieve good engineering control of dust emissions. Only natural gas shall be used as a fuel when drying;
- H. Equipment solely installed for the purpose of controlling fugitive dust;
- I. Equipment or control equipment which eliminates all emissions to the ambient air;
- J. Equipment, including air pollution control equipment, but not including an anaerobic lagoon, that emits odors but no regulated air pollutants;
- K. Residential wood heaters, cookstoves or fireplaces;
- L. Laboratory equipment used exclusively for chemical and physical analysis or experimentation, except equipment used for controlling radioactive air contaminants;
- M. Recreational fireplaces;
- N. Stacks or vents to prevent the escape of sewer gases through plumbing traps for systems handling domestic sewage only.

Systems which include any industrial waste do not qualify for this exemption;

- O. Noncommercial incineration of dead animals, the on-site incineration of resident animals for which no consideration is received or commercial profit is realized as authorized in section 269.020.6, RSMo 2000;
- P. The following miscellaneous activities:
 - (I) Use of office equipment and products, not including printing establishments or businesses primarily involved in photographic reproduction. This exemption is solely for office equipment that is not part of the manufacturing or production process at the installation;
 - (II) Tobacco smoking rooms and areas;
 - (III) Hand-held applicator equipment for hot melt adhesives with no volatile organic compound (VOC) in the adhesive formula;
 - (IV) Paper trimmers and binders;
 - (V) Blacksmith forges, drop hammers, and hydraulic presses;
 - (VI) Hydraulic and hydrostatic testing equipment; and
 - (VII) Environmental chambers, shock chambers, humidity chambers, and solar simulators provided no hazardous air pollutants are emitted by the process;
- Q. The following internal combustion engines:
 - (I) Portable electrical generators that can be moved by hand without the assistance of any motorized or non-motorized vehicle, conveyance or device;
 - (II) Spark ignition or diesel fired internal combustion engines used in conjunction with pumps, compressors, pile drivers, welding, cranes, and wood chippers or internal combustion engines or gas turbines of less than two hundred fifty (250) horsepower rating; and
 - (III) Laboratory engines used in research, testing, or teaching;
- R. The following quarries, mineral processing, and biomass facilities:
 - (I) Drilling or blasting activities;
 - (II) Concrete or aggregate product mixers or pug mills with a maximum rated capacity of less than fifteen (15) cubic yards per hour;
 - (III) Rip Rap production processes consisting only of a grizzly feeder, conveyors, and storage, not including additional hauling activities associated with Rip Rap production;
 - (IV) Sources at biomass recycling, composting, landfill, publicly owned treatment works (POTW), or related facilities specializing in the operation of, but not limited to tub grinders powered by a motor with a maximum output rating of ten (10) horsepower, hoggers and shredders and similar equipment powered by a motor with a maximum output rating of twenty-five (25) horsepower, and other sources at such facilities with a total throughput less than five hundred (500) tons per year; and

- (V) Landfarming of soils contaminated only with petroleum fuel products where the farming beds are located a minimum of three hundred feet (300') from the property boundary;
- S. The following kilns and ovens:
 - (I) Kilns with a firing capacity of less than ten (10) million Btus per hour used for firing ceramic ware, heated exclusively by natural gas, liquefied petroleum gas, electricity, or any combination thereof; and
 - (II) Electric ovens or kilns used exclusively for curing or heat-treating provided no Hazardous Air Pollutants (HAPs) or VOCs are emitted;
- T. The following food and agricultural equipment:
 - (I) Any equipment used in agricultural operations to grow crops;
 - (II) Equipment used exclusively to slaughter animals. This exemption does not apply to other slaughterhouse equipment such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment;
 - (III) Commercial smokehouses or barbecue units in which the maximum horizontal inside cross-sectional area does not exceed twenty (20) square feet;
 - (IV) Equipment used exclusively to grind, blend, package, or store tea, cocoa, spices or coffee;
 - (V) Equipment with the potential to dry, mill, blend, grind, or package less than one thousand (1,000) pounds per year of dry food products such as seeds, grains, corn, meal, flour, sugar, and starch;
 - (VI) Equipment with the potential to convey, transfer, clean, or separate less than one thousand (1,000) tons per year of dry food products or waste from food production operations;
 - (VII) Storage equipment or facilities containing dry food products that are not vented to the outside atmosphere or which have the potential to handle less than one thousand (1,000) tons per year;
 - (VIII) Coffee, cocoa, and nut roasters with a roasting capacity of less than fifteen (15) pounds of beans or nuts per hour, and any stoners or coolers operated with these roasters;
 - (IX) Containers, reservoirs, tanks, or loading equipment used exclusively for the storage or loading of beer, wine, or other alcoholic beverages produced for human consumption;
 - (X) Brewing operations at facilities with the potential to produce less than three (3) million gallons of beer per year; and
 - (XI) Fruit sulfuring operations at facilities with the potential to produce less than ten (10) tons per year of sulfured fruits and vegetables;

- U. Batch solvent recycling equipment provided the recovered solvent is used primarily on-site, the maximum heat input is less than one (1) million Btus per hour, the batch capacity is less than one hundred fifty (150) gallons, and there are no solvent vapor leaks from the equipment which exceed five hundred (500) parts per million;
- V. The following surface coating and printing operations:
 - (I) Batch mixing of inks, coatings, or paints provided good housekeeping is practiced, spills are cleaned up as soon as possible, equipment is maintained according to manufacturer's instruction and property is kept clean. In addition, all waste inks, coating, and paints shall be disposed of properly. Prior to disposal all liquid waste shall be stored in covered container. This exemption does not apply to ink, coatings, or paint manufacturing facilities;
 - (II) Any powder coating operation, or radiation cured coating operation where ultraviolet or electron beam energy is used to initiate a reaction to form a polymer network;
 - (III) Any surface-coating source that employs solely non-refillable handheld aerosol cans; and
 - (IV) Surface coating operations utilizing powder coating materials with the powder applied by an electrostatic powder spray gun or an electrostatic fluidized bed;
- W. The following metal working and handling equipment:
 - (I) Carbon dioxide (CO₂) lasers, used only on metals and other materials that do not emit a HAP or VOC in the process;
 - (II) Laser trimmers equipped with dust collection attachments;
 - (III) Equipment used for pressing or storing sawdust, wood chips, or wood shavings;
 - (IV) Equipment used exclusively to mill or grind coatings and molding compounds in a paste form provided the solution contains less than one percent (1%) VOC by weight;
 - (V) Tumblers used for cleaning or deburring metal products without abrasive blasting;
 - (VI) Batch mixers with a rated capacity of fifty-five (55) gallons or less provided the process will not emit hazardous air pollutants;
 - (VII) Equipment used exclusively for the mixing and blending of materials at ambient temperature to make water-based adhesives provided the process will not emit hazardous air pollutants;
 - (VIII) Equipment used exclusively for the packaging of lubricants or greases;
 - (IX) Platen presses used for laminating provided the process will not emit hazardous air pollutants;
 - (X) Roll mills or calendars for rubber or plastics provided the process will not emit hazardous air pollutants;
 - (XI) Equipment used exclusively for the melting and applying of wax containing less than one percent (1%) VOC by weight;

- (XII) Equipment used exclusively for the conveying and storing of plastic pellets; and
- (XIII) Solid waste transfer stations that receive or load out less than fifty (50) tons per day of nonhazardous solid waste;
- X. The following liquid storage and loading equipment:
 - (I) Storage tanks and vessels having a capacity of less than five hundred (500) gallons; and
 - (II) Tanks, vessels, and pumping equipment used exclusively for the storage and dispensing of any aqueous solution which contains less than one percent (1%) by weight of organic compounds. Tanks and vessels storing the following materials are not exempt:
 - (a) Sulfuric or phosphoric acid with an acid strength of more than ninety-nine percent (99.0%) by weight;
 - (b) Nitric acid with an acid strength of more than seventy percent (70.0%) by weight;
 - (c) Hydrochloric or hydrofluoric acid with an acid strength of more than thirty percent (30.0%) by weight; or
 - (d) More than one liquid phase, where the top phase contains more than one percent (1%) VOC by weight;
- Y. The following chemical processing equipment or operations:
 - (I) Storage tanks, reservoirs, pumping, and handling equipment, and mixing and packaging equipment containing or processing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized; and
 - (II) Batch loading and unloading of solid phase catalysts;
- Z. Body repair and refinishing of motorcycle, passenger car, van, light truck and heavy truck and other vehicle body parts, bodies, and cabs, provided—
 - (I) Good housekeeping is practiced; spills are cleaned up as soon as possible, equipment is maintained according to manufacturers' instructions, and property is kept clean. In addition, all waste coatings, solvents, and spent automotive fluids including, but not limited to, fuels, engine oil, gear oil, transmission fluid, brake fluid, antifreeze, fresh or waste fuels, and spray booth filters or water wash sludge are disposed of properly. Prior to disposal, all liquid waste shall be stored in covered containers. All solvents and cleaning materials shall be stored in closed containers;
 - (II) All spray coating operations shall be performed in a totally enclosed filtered spray booth or totally enclosed filtered spray area with an air intake area of less than one hundred (100) square feet. All spray areas shall be equipped with a fan which shall be operated during spraying, and the exhaust air shall either be vented through a stack to the atmosphere or the air shall be recirculated back into the

- shop through a carbon adsorption system. All carbon adsorption systems shall be properly maintained according to the manufacturer's operating instructions, and the carbon shall be replaced at the manufacturer's recommended intervals to minimize solvent emissions; and
- (III) Spray booth, spray area, and preparation area stacks shall be located at least eighty feet (80') away from any residence, recreation area, church, school, child care facility, or medical or dental facility;
- AA. Sawmills processing no more than twenty-five (25) million board feet, green lumber tally of wood per year, in which no mechanical drying of lumber is performed, in which fine particle emissions are controlled through the use of properly engineered baghouses or cyclones, and which meet all of the following provisions:
- (I) The mill shall be located at least five hundred feet (500') from any recreational area, school, residence, or other structure not occupied or used solely by the owner of the facility or the owner of the property upon which the installation is located;
- (II) All sawmill residues (sawdust, shavings, chips, bark) from debarking, planing, saw areas, etc., shall be removed or contained to minimize fugitive particulate emissions. Spillage of wood residues shall be cleaned up as soon as possible and contained such that dust emissions from wind erosion and/or vehicle traffic are minimized. Disposal of collected sawmill residues must be accomplished in a manner that minimizes residues becoming airborne. Disposal by means of burning is prohibited unless it is conducted in a permitted incinerator; and
- (III) All open-bodied vehicles transporting sawmill residues (sawdust, shavings, chips, bark) shall be covered with a tarp to achieve maximum control of particulate emissions;
- BB. Internal combustion engines and gas turbine driven compressors, electric generator sets, and water pumps, used only for portable or emergency services, provided that the maximum annual operating hours shall not exceed five hundred (500) hours. Emergency generators are exempt only if their sole function is to provide back-up power when electric power from the local utility is interrupted. This exemption only applies if the emergency generators are operated only during emergency situations and for short periods of time to perform maintenance and operational readiness testing. The emergency generator shall be equipped with a non-resettable meter;
- CC. Commercial dry cleaners; and
- DD. Operations such as carving, cutting, routing, turning, drilling, machining, sawing, sanding, planing, buffing, or polishing solid materials, other than materials containing any asbestos, beryllium or lead greater than one percent (1%) by weight as determined by Material Safety Data Sheets (MSDS), vendor material

specifications and/or purchase order specifications, where equipment—

- (I) Directs a stream of liquid at the point where material is processed;
 - (II) Is used only for maintenance or support activity not conducted as part of the installation's primary business activity;
 - (III) Is exhausted inside a building; or
 - (IV) Is ventilated externally to an operating cyclonic inertial separator (cyclone), baghouse, or dry media filter. Other particulate control devices such as electrostatic precipitators or scrubbers are subject to construction permitting or a permit-by-rule, unless otherwise exempted.
3. Construction or modifications are exempt from 10 CSR 10- 6.060 if they meet the requirements of subparagraphs (3)(A)3.B. of this rule for each hazardous air pollutant and the requirements of subparagraph (3)(A)3.A., (3)(A)3.C. or (3)(A)3.D. of this rule for each criteria pollutant. The director may require review of construction or modifications otherwise exempt under paragraph (3)(A)3. of this rule if the emissions of the proposed construction or modification will appreciably affect air quality or the air quality standards are appreciably exceeded or complaints involving air pollution have been filed in the vicinity of the proposed construction or modification.
- A. At maximum design capacity the proposed construction or modification shall emit each pollutant at a rate of no more than the amount specified in Table 1.

TABLE 1. Insignificant Emission Exemption Levels

Pollutant	Insignificance Level (lbs per hr)
Particulate Matter 10 Micron (PM₁₀) (Emitted solely by equipment)	1.0
Sulfur Oxides (SO_x)	2.75
Nitrogen Oxides (NO_x)	2.75
Volatile Organic Compounds (VOCs)	2.75
Carbon Monoxide (CO)	6.88

- B. At maximum design capacity, the proposed construction or modification will emit a hazardous air pollutant at a rate of no more than one-half (0.5) pound per hour, or the hazardous emission threshold as established in subsection (12)(J) of 10 CSR 10-6.060, whichever is less.
- C. Actual emissions of each criteria pollutant, except lead, will be no more than eight hundred seventy-six (876) pounds per year.
- D. Actual emissions of volatile organic compounds that do not contain hazardous air pollutants will be no more than four (4) tons per year.

- E. The operator shall maintain records in sufficient detail to show compliance with the exemptions in paragraph (3)(A)3. of this rule. Any noncompliance with the requirements in this paragraph constitutes a violation and is grounds for enforcement action and the exemption will no longer apply. Operators of installations found to be not in compliance with the requirements of this paragraph shall be required to apply for a construction permit under 10 CSR 10-6.060. The exemptions shall be documented as follows:
- (I) Record keeping shall begin on the date the construction, reconstruction, modification or operation commencement and records shall be maintained to prove potential emissions are below *de minimis* levels and that actual emissions are below the exemption threshold levels in paragraph (3)(A)3. of this rule. Records shall be maintained using Emission Inventory Questionnaire (EIQ) methods in accordance with EIQ emission calculation hierarchy; or
 - (II) In lieu of records, the owner or operator shall demonstrate through engineering calculations that emissions are not in excess of the exemption levels established in paragraph (3)(A)3. of this rule.

- (B) Excluded Activities. 10 CSR 10-6.060 does not apply to—
- 1. Routine maintenance, parts replacement or relocation of emission units within the same installation which do not involve either any appreciable change either in the quality or nature, or any increase in either the potential to emit or the effect on air quality, of the emissions of any air contaminant. Some examples are as follows:
 - A. Replacing the bags in a baghouse;
 - B. Replacing wires, plates, rappers, controls or electric circuitry in an electrostatic precipitator which does not measurably decrease the design efficiency of the unit;
 - C. Replacement of fans, pumps or motors which does not alter the operation of a source or performance of a control device;
 - D. Replacement of boiler tubes;
 - E. Replacement of piping, hoods, and ductwork; and
 - F. Replacement of engines, compressors or turbines as part of a normal maintenance program;
 - 2. Changes in a process or process equipment which do not involve installing, constructing or reconstructing an emissions unit or associated air cleaning devices, and that do not involve either any appreciable change either in the quality or nature, or any increase in either the potential to emit or the effect on air quality of the emissions of any air contaminant. Some examples are as follows:
 - A. Change in supplier or formulation of similar raw materials, fuels, paints and other coatings;
 - B. Change in the sequence of the process;
 - C. Change in the method of raw material addition;
 - D. Change in the method of product packaging;

- E. Change in the process operating parameters;
 - F. Replacement of an identical or more efficient cyclone precleaner which is used as a precleaner in a fabric filter control system;
 - G. Installation of a floating roof on an open top petroleum storage tank;
 - H. Replacement of a fuel burner in a boiler with a more thermally efficient burner;
 - I. Lengthening a paint drying oven to provide additional curing time; and
 - J. Changes in the location, within the storage area, or configuration of a material storage pile or material handling equipment;
3. Replacement of like-kind emission units that do not involve either any appreciable change either in the quality or nature, or any increase either in the potential to emit or the effect on air quality, of the emissions of any air contaminant;
4. The exempt activities in paragraphs (3)(B)1.–3. of this rule reflect a presumption that existing emission units which are changed or replaced by like-kind units shall be treated as having begun normal operation for purposes of the definition of actual emissions in 10 CSR 10-6.020;
5. The following miscellaneous activities:
- A. Plant maintenance, and upkeep activities such as routine cleaning, janitorial services, use of janitorial products, grounds keeping, general repairs, architectural or maintenance painting, welding repairs, plumbing, roof repair, installing insulation, using air compressors and pneumatically operated equipment, and paving parking lots, provided these activities are not conducted as part of the installation's primary business activity;
 - B. Batteries and battery charging stations;
 - C. Fire suppression equipment and emergency road flares;
 - D. Laundry activities, except dry-cleaning and steam boilers; and
 - E. Steam emissions from leaks, safety relief valves, steam cleaning operations, and steam sterilizers; and
6. The following miscellaneous surface preparation and cleaning activities:
- A. Equipment and containers used for surface preparation, cleaning, or stripping by use of solvents or solutions that meet all of the following:
 - (I) Solvent used must have an initial boiling point of greater than three hundred two degrees Fahrenheit (302°F), and this initial boiling point must exceed the maximum operating temperature by at least one hundred eighty degrees Fahrenheit (180°F);
 - (II) The equipment or container has a capacity of less than thirty-five (35) gallons of liquid. For remote reservoir cold cleaners, capacity is the volume of the remote reservoir;
 - (III) The equipment or container has a liquid surface area less than seven (7) square feet, or for remote reservoir cold cleaners, the sink or working area has a horizontal surface less than seven (7) square feet;

- (IV) Solvent flow must be limited to a continuous fluid stream type arrangement. Fine, atomized, or shower type sprays are not exempt; and
 - (V) All lids and closures are properly employed;
 - B. The exclusion in subparagraph (3)(B)6.A. of this rule does not apply to solvent wipe cleaning operations;
 - C. Abrasive blasting sources that have a confined volume of less than one hundred (100) cubic feet and are controlled by a particulate filter;
 - D. Blast cleaning equipment using a suspension of abrasive in water;
 - E. Portable blast cleaning equipment for use at any single location for less than sixty (60) days; and
 - F. Any solvent cleaning or surface preparation source that employs only non-refillable handheld aerosol cans.
- (C) Exceptions to Excluded Activities. The exclusion provisions of subsection (3)(B) of this rule notwithstanding, 10 CSR 10-6.060 shall apply to any construction, reconstruction, alteration or modification which—
- 1. Is expressly required by an operating permit; or
 - 2. Is subject to federally-mandated construction permitting requirements set forth in sections (7), (8), or (9), or any combination of these, of 10 CSR 10-6.060.

(4) Reporting and Record Keeping.

(5) Test Methods. *(Not Applicable)*

COMMENTS AND RESPONSES ON
PROPOSED AMENDMENT
10 CSR 10-6.120
RESTRICTION OF EMISSIONS OF LEAD FROM
SPECIFIC LEAD SMELTER-REFINERY INSTALLATIONS
AND
RECOMMENDATION FOR ADOPTION

On September 30, 2004, the Missouri Air Conservation Commission held a public hearing concerning the proposed amendment to 10 CSR 10-6.120 Restriction of Emissions of Lead From Specific Lead Smelter-Refinery Installations. The following is a summary of comments received and the Missouri Department of Natural Resources' Air Pollution Control Program corresponding responses. Any changes to the proposed amendment are identified in the responses to the comments.

The Missouri Department of Natural Resources' Air Pollution Control Program recommends the commission adopt the rule action as proposed.

NOTE 1 - Legend for rule actions to be voted on is as follows:

- * Shaded Text - Rule sections or subsections unchanged from Public Hearing. This text is only for reference.*
- * Unshaded Text - Rule sections or subsections that are changed from the proposed text presented at the Public Hearing, as a result of comments received during the public comment period.*

NOTE 2 - All unshaded text below this line will be printed in the Missouri Register.

**Title 10 - DEPARTMENT OF
NATURAL RESOURCES**

Division 10 - Air Conservation Commission

**Chapter 6—Air Quality Standards, Definitions, Sampling and Reference Methods
and Air Pollution Control Regulations for the Entire State of Missouri**

ORDER OF RULEMAKING

By the authority vested in the Missouri Air Conservation Commission under section 643.050, RSMo 2000, the commission amends a rule as follows:

10 CSR 10-6.120 Restriction of Emissions of Lead From Specific Lead Smelter-Refinery Installations **is amended.**

A notice of proposed rulemaking containing the text of the proposed rule was published in the *Missouri Register* on August 2, 2004 (29 MoReg 1193-1196). No changes have been made in the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No written or verbal comments were received concerning this proposed amendment during the public comment period.

MISSOURI AIR CONSERVATION COMMISSION RULES IN PROGRESS SCHEDULE

Rule Action	Send Draft Rule Out For Other Dept Review	Draft Rule Review Complete	File with Secretary of State*	Publish in Missouri Register	Public Hearing	Public Comment Period Closes	Commission Vote On Rule Action	Last Day** to File with Secretary of State*	Rule Effective
Rule Amendment 10 CSR 10-6.070 New Source Performance Regulations (Annual updates)	N/A	N/A	02-14-03	03-17-03	05-29-03	06-05-03	06-26-03	07-30-03	10-30-03
Rule Amendment 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations (Annual updates)	N/A	N/A	02-14-03	03-17-03	05-29-03	06-05-03	06-26-03	07-30-03	10-30-03
Rule Amendment 10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants (Annual updates)	N/A	N/A	02-14-03	03-17-03	05-29-03	06-05-03	06-26-03	07-30-03	10-30-03
Rule Amendment 10 CSR 10-6.020 Definitions and Common Reference Tables (Updates key definitions needed for changes to rule 10 CSR 10-6.060 as part of governor's streamlining effort)	N/A	N/A	03-05-03	04-15-03	05-29-03	06-05-03	06-26-03	08-15-03	10-30-03
Rule Amendment 10 CSR 10-6.060 Construction Permits Required (Incorporates changes to simplify applicability section of rule by removing exemptions being added to new rule 10 CSR 10-6.061 as part of governor's streamlining effort)	N/A	N/A	03-05-03	04-15-03	05-29-03	06-05-03	06-26-03	08-15-03	10-30-03
New Rule 10 CSR 10-6.061 Construction Permit Exemptions (New rule lists installations and activities exempt from case-by-case engineering review as part of governor's streamlining effort)	N/A	N/A	03-05-03	04-15-03	05-29-03	06-05-03	06-26-03	08-15-03	10-30-03
New Rule 10 CSR 10-6.062 Construction Permits By Rule (New rule establishes set of voluntary conditions under which certain air pollution sources can construct without case-by-case engineering review as part of governor's streamlining effort)	N/A	N/A	03-05-03	04-15-03	05-29-03	06-05-03	06-26-03	08-15-03	10-30-03
Rule Amendment 10 CSR 10-6.065 Operating Permits (Incorporates portable source exemption as part of governor's streamlining effort and updates livestock exemption language)	N/A	N/A	03-05-03	04-15-03	05-29-03	06-05-03	06-26-03	08-15-03	10-30-03
Rule Amendment 10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information (Sets emission fee required annually by statute)	03-25-03	05-13-03	05-15-03	06-16-03	07-24-03	07-31-03	08-28-03	09-29-03	12-30-03
Rule Amendment 10 CSR 10-2.260 Control of Petroleum Liquid Storage, Loading and Transfer (Incorporates vapor line requirements for Stage I vapor recovery)	5-13-03	06-19-03	08-15-03	09-15-03	10-30-03	11-06-03	12-04-03	02-02-04	04-30-04

Shaded blocks indicate actual completion dates.

* Copy provided to Joint Committee on Administrative Rules

** Last date to meet rule effective date shown.

MISSOURI AIR CONSERVATION COMMISSION RULES IN PROGRESS SCHEDULE

Rule Action	Send Draft Rule Out For Other Dept Review	Draft Rule Review Complete	File with Secretary of State*	Publish in Missouri Register	Public Hearing	Public Comment Period Closes	Commission Vote On Rule Action	Last Day** to File with Secretary of State*	Rule Effective
Rule Amendment 10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds (Updates emission limits and references to regulations)	08-14-03	09-15-03	09-29-03	11-03-03	12-04-03	12-11-03	02-03-04	03-10-04	05-30-04
Rescission 10 CSR 10-6.240 Asbestos Abatement Projects - Registration, Notification and Performance Requirements (Rescinds rule found by court to be void by inception)	11-20-03	12-19-03	01-12-04	02-17-04	03-25-04	04-01-04	04-29-04	06-16-04	09-30-04
New Rule 10 CSR 10-6.241 Asbestos Abatement Projects - Registration, Notification and Performance Requirements (New rule reinstates asbestos inspection fees and requirements consistent with federal requirements)	11-20-03	12-19-03	01-12-04	02-17-04	03-25-04	04-01-04	04-29-04	06-16-04	09-30-04
Rule Amendment 10 CSR 10-6.250 Asbestos Abatement Projects - Certification, Accreditation and Business Exemption Requirements (Updates rule to eliminate forms and correct OSHA and AHERA references)	11-20-03	12-19-03	01-12-04	02-17-04	03-25-04	04-01-04	04-29-04	06-16-04	09-30-04
Rule Amendment 10 CSR 10-6.065 Operating Permits (Implements governor's operating permit streamlining recommendations; addresses regulated community concerns and helps streamline Basic and Intermediate operating permit programs)	05-17-04	04-16-04		Accepting comments on draft rulemaking through 11/19/04. Anticipate filing 12/15/04.					
Rule Amendment 10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information (Sets emission fee required annually by statute)	03-30-04	04-30-04	05-17-04	06-15-04	07-22-04	07-29-04	08-26-04	10-01-04	12-30-04
Rule Amendment 10 CSR 10-6.060 Construction Permits Required (Adopts federal New Source Review program for attainment areas)	03-30-04	04-30-04	05-17-04	06-15-04	07-22-04	07-29-04	08-26-04	10-01-04	12-30-04
Rule Amendment 10 CSR 10-6.410 Emissions Banking and Trading (Prohibits generation of emission reduction credits from pollution control projects excluded in EPA's New Source Review improvement rule)	03-30-04	04-30-04	05-17-04	06-15-04	07-22-04	07-29-04	08-26-04	10-01-04	12-30-04
Rule Amendment 10 CSR 10-6.120 Restriction of Emissions of Lead from Specific Lead Smelter-Refinery Installations (Deletes references to Doe Run, Glover because stack emission and throughput limitations are incorporated in settlement agreement as part of maintenance plan)	04-23-04	05-21-04	07-01-04	08-02-04	09-30-04	10-07-04	10-28-04	12-01-04	02-28-05

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MISSOURI AIR CONSERVATION COMMISSION RULES IN PROGRESS SCHEDULE

Rule Action	Send Draft Rule Out For Other Dept Review	Draft Rule Review Complete	File with Secretary of State*	Publish in Missouri Register	Public Hearing	Public Comment Period Closes	Commission Vote On Rule Action	Last Day** to File with Secretary of State*	Rule Effective
Rule Amendment 10 CSR 10-6.061 Construction Permit Exemptions (Raises insignificant emission levels to allow installations to pursue insignificant modifications to their instalation without having to obtain a construction permit)	05-10-04	06-16-04	07-01-04	08-02-04	09-30-04	10-07-04	10-28-04	12-01-04	02-28-05

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State Air Quality Plans Status Report

October 12, 2004

Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (St. Louis 15% Rate of Progress Plan)				1/14/94	7/13/95					
	1/13/95 7/11/95 7/11/95	All three submittals together found complete 7/13/95	EPA proposed partial approval of all elements of plan except I/M program 3/18/96. EPA proposed partial disapproval due to failure to implement enhanced I/M program 3/18/96.	Sanction clock will start if EPA publishes limited disapproval of 15% plan						
	5/1/97		N/A (This action only addresses approvability)							Plan revised to clarify RVP waiver demonstration.
	11/12/99	Complete-12/22/99	Approved-5/18/00							Plan revised to include I/M and RFG provisions.
	10/6/97	Complete-10/8/97	4/19/01-EPA proposed approval Approved-6/26/01	4/11/96	10/8/97					Public hearing 7/24/97. MACC adopted 8/28/97. MACC adopted Solvent Metal Cleaning rule 2/3/98. On 5/18/00, EPA approved Solvent Metal Cleaning rule as part of 15% ROP plan. Plan includes Tier II and low sulfur gasoline.
Missouri SIP (St. Louis Attainment Demonstration Plan)				6/22/95	4/22/96					
	10/25/95 11/12/99	Complete-4/22/96 Complete-12/22/99	4/17/00-EPA proposed approval On 8/3/00, EPA reopened public comment period until 8/14/00							Plan will be revised to comply with the new ozone standard and transport SIP call. MACC adopted 11/8/99. On 1/19/00, DNR submitted a supplemental model report. Additional modeling submitted on 6/29/00. Presented supplemental model report to MACC at 8/31/00 public hearing. MACC adopted 9/21/00.
	11/2/00 2/28/01		4/3/01-EPA proposed approval Approved-6/26/01 (Court vacated)							On 6/26/01, EPA withdrew 3/19/01 attainment determination and approved attainment date extension to 11/15/04 and mobile source emissions budgets. On 11/25/02, U.S. 7th Circuit Court of Appeals ruled against EPA as follows: 1) EPA has no authority to grant attainment date extension; 2) 6/26/01 rule extending St. Louis attainment date vacated; and 3) directed EPA to promulgate final rule classifying St. Louis as serious ozone nonattainment area.
	12/13/02		EPA proposed to approve revised mobile budgets 1/30/03 Approved-5/12/03							Mobile 6 model released 1/29/02. Presented revised mobile budgets based on Mobile 6 model to MACC at 10/23 and 10/24/02 public hearing. MACC adopted 12/5/02.
Missouri SIP (Emission Statement Plan)				1/15/93	6/17/94					
	1/4/94	Complete-6/17/94	Approved-2/29/96							

State Air Quality Plans Status Report

October 12, 2004

Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Redesignation Demonstration and Maintenance Plan For Missouri Portion of St. Louis Ozone Nonattainment Area)	12/5/02	12/19/02	EPA proposed approval of redesignation demonstration and maintenance plan 1/30/03. Approved-5/12/03							Presented plan and redesignation request to MACC at public hearing 10/23/02 in St. Louis and 10/24/02 in Kirksville. MACC adopted 12/5/02.
Missouri SIP (St. Louis 8 Hour Ozone Plan)	8/1/03									In 2000, DNR submitted recommendation on 8-hr nonattainment boundaries. On 6/2/03, EPA published proposed rule 8-hr Ozone NAAQS rule. On 4/15/04, EPA designated St. Louis metropolitan area as Moderate nonattainment under 8-hr ozone standard. On 6/12/04, APCP and St. Louis stakeholders met to discuss up-wind NOx buffer zone and anticipated air quality improvements from NOx SIP call. On 6/16/04, MO and IL regulators held a technical meeting to develop modeling protocol and discuss modeling performance. On 7/29/04, update on 8-hr ozone modeling protocol presented to East-West Gateway Advisory Committee. On 9/23/04, Illinois EPA and Missouri hosted joint meeting to initiate St. Louis 8-hour ozone/PM2.5 SIP development stakeholder workgroups.
Missouri SIP (St. Louis CO Maintenance Plan)	6/13/97	Complete-7/9/97	1/26/99-EPA granted direct final approval-effective 3/29/99	No sanction clock applicable to nonclassifiable nonattainment areas.						
Missouri SIP (I/M Plan)				1/15/93	9/1/94					
	9/1/94 (Temporary rule)	Complete-9/1/94 (Contingent on Plan revision submittal of permanent rule)	EPA proposed disapproval of I/M Plan 3/18/96 due to lack of adequate resources to implement Approved-5/18/00	Sanction clock will start if EPA publishes final disapproval						A contract was awarded on 2/24/99 and testing began 4/5/00. Over 3,618,665 vehicles have been tested since the start of the program. In 2003, General Assembly did not renew appropriations for additional I/M station in South County.
	7/11/95 (Permanent rule)									
	12/9/02	12/30/02	5/12/03-EPA approved I/M rule revisions-effective 5/12/03							MACC adopted proposal for implementing OBD 4/25/02. MACC adopted rule to implement OBD 8/29/02.
	10/2/03	12/1/03								On 8/23/03, adopted revised Plan to incorporate recent rule and legislative changes.
Missouri SIP (New Source Review Plan)				1/15/93	6/17/94					
	4/6/94	Complete-6/17/94	Approved-2/29/96							
Missouri SIP (St. Joseph Light & Power SO2 Attainment Plan)	7/13/01	Complete-8/15/01	11/15/01-EPA granted direct final approval-effective 1/14/02							Consent agreement between St. Joseph Light & Power and the state to avoid SO2 nonattainment designation has been signed by all parties as of 5/25/01. Public hearing for consent agreement 2/6/01. MACC adopted 3/29/01.

State Air Quality Plans Status Report

October 12, 2004

Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Springfield City Utilities SO ₂ Consent Agreement)	1/2/02	Complete-2/1/02	3/25/02-EPA granted direct final approval-effective 5/24/02							Adding consent agreement to incorporate Springfield City Utilities SO ₂ control strategy. MACC adopted 12/6/01.
Missouri SIP (St. Louis Transportation Conformity Plan and Rule)	2/14/95	Complete-5/16/95	Approved-2/29/96							Original Plan
										Program is working on a plan revision to incorporate six federal transportation conformity rule amendments in one plan revision. Four of the six federal rule amendments are adopted into state rules. EPA combined fifth and sixth amendments into one federal rule amendment that was published in the 7/1/04 Federal Register. State rule amendment is being developed to incorporate federal changes.
Missouri SIP (Kansas City Transportation Conformity Plan and Rule)	2/14/95	Complete-5/16/95	Approved-2/29/96							Original Plan
										Program is working on a plan revision to incorporate six federal transportation conformity rule amendments in one plan revision. Four of the six federal rule amendments are adopted into state rules. EPA combined fifth and sixth amendments into one federal rule amendment that was published in the 7/1/04 Federal Register. State rule amendment is being developed to incorporate federal changes.
Missouri SIP (General Conformity Plan and Rule)	2/14/95	Complete-5/16/95	Conditional apprvl 3/11/96 with 6.300 revisions							Rule effective date is 9/30/96.
	11/20/96	Complete-2/24/97	Approved-7/14/97							
Missouri SIP (NOx RACT Plan)				7/6/94	7/3/96	1/6/96	7/3/96			
	11/30/95 (Waiver)									Submitted waiver application for sect. 182(f) of CAAA 11/30/95. EPA issued transport SIP call on 10/10/97.
	4/26/96 (Draft NOx RACT Plan) 7/1/96 (Final NOx RACT Plan)	Complete-7/3/96								A NOx RACT Plan that identifies NOx RACT as the NOx limitations required for utility boilers under Title IV acid rain program is being submitted. Public hearing for proposed plan 5/30/96. MACC adopted Plan 6/27/96.
	11/12/99	Complete-12/22/99	Approved-5/18/00							Incorporates new NOx RACT rule.
Missouri SIP (NOx Transport Plan)										On 3/3/00, court ruled on NOx SIP call petitions and removed Missouri from NOx SIP call. EPA approved statewide NOx rule 12/28/00. Proposed NOx SIP call for Missouri released 2/23/02. Comments submitted to EPA 4/29/02. On 4/21/04, EPA finalized Phase II of NOx SIP call. Missouri to submit SIP meeting full NOx SIP call by 5/1/05. Reconvened Utility Workgroup in June 2004. In July 2004, draft rule to meet new NOx SIP call requirements submitted to Utility Workgroup for review and comment. Utility workgroup meetings are scheduled for 10/19/04 (non-electricity generating units-EGUs) and 10/25/04 (EGUs).

State Air Quality Plans Status Report

October 12, 2004

Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Kansas City 8 Hour Ozone Plan)	8/1/03									In 2000, DNR submitted recommendation on 8-hr nonattainment boundaries. On 6/2/03, EPA published proposed 8-hr Ozone NAAQS rule. MACC adopted boundary recommendation 7/24/03. On 2/5/04, DNR sent letter to EPA modifying the state's recommendation to request that the Kansas City area be designated as in attainment for the 8-hr standard. On 4/15/04, EPA designated Kansas City metropolitan area as Unclassifiable for 8-hr ozone standard with a determination to be made at end of 2004 ozone season. The Clean Air Action Plan (CAAP) technical workgroup met 6/2/04, 6/16/04, 6/30/04 and 7/14/04 to discuss modeling performance, potential control strategies and modeling runs. On 8/25/04, modeling results presented to CAAP technical workgroup. On 9/10/04, MARC hosted a community workshop to present and discuss alternative strategies to achieve compliance with new 8-hr ozone standard and long term clean air. The next CAAP workgroup meeting is scheduled for 10/15/04.
Missouri SIP (Kansas City Maintenance Plan)										On 2/5/96 received EPA formal notice of ozone violation (based on EPA quality assured data) in the Kansas City metropolitan area which requires contingency measures. Contingency measure recommendation presented at 8/29/96 MACC meeting.
	3/16/98	Complete-5/21/98	1/26/99-EPA granted approval (RFG incorporated by 2000) Approved-4/24/02							MACC adopted revised Plan 2/3/98. U.S. Court of Appeals struck down EPA's rule for use of RFG in former nonattainment areas. On 8/22/00, Missouri governor committed to implement 7.0 RVP gasoline, a cold cleaning solvent regulation and a pressure vacuum relief valve requirement for gasoline dispensing. Submitted RVP rule and fuel waiver to EPA on 5/21/01.
	12/12/02	Complete-12/30/02	9/16/03-EPA proposed approval Approved-1/13/04							Mobile 6 model released 1/29/02. MACC adopted subsequent 10 year plan 7/25/02. MACC adopted revised mobile budgets 12/5/02. On 6/5/03, EPA informed public that revised motor vehicle emission budgets are adequate for conformity purposes.
Title V Operating Permit Plan (Although not a SIP, has similar requirements and impacts)				11/15/93	3/2/95					
	1/13/95	Complete-3/2/95	4/11/96-EPA granted final interim approval of operating permit program Approved-5/14/97							Operating Permit Program effective date is 5/13/96. Full approval effective 6/13/97.
	5/6/03	Complete-5/22/03	9/17/03-EPA granted direct final approval-effective 11/17/03							On 3/25/02, EPA issued Notice of Deficiency for the Operating Permit Program because some state requirements do not comply with CAA and 40 CFR 70 requirements. MACC adopted plan revision and rule change on 12/5/02.
										Program is working on a plan revision to streamline the Basic and Intermediate Operating Permits to minimize the workload for both industry and program staff while maintaining ambient air quality standards. As result of stakeholder review, a rule variance was approved by MACC and rule amendments are being developed to implement operating permit program streamlining.

State Air Quality Plans Status Report

October 12, 2004

Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Glover Lead Plan - Doe Run/ formerly ASARCO)	8/13/96	Complete-9/18/96	Approved-5/5/97	8/2/93	9/18/96	2/2/95	9/18/96	8/2/95	9/18/96	Air quality monitoring data continues to show lead standard attainment after controls installed. Amended consent decree was filed in Sept' 99.
	7/31/00	Complete-9/5/00	12/5/01-EPA proposed approval. Approved-4/16/02							Plan being revised to change ownership via new consent decree. MACC adopted plan revision 5/25/00.
	1/26/04		6/30/04-EPA proposed approval effective 8/30/04 unless adverse comments received by 7/30/04 Direct final rule withdrawn 8/24/04 due to adverse comment							Presented maintenance plan and redesignation request to MACC at public hearing 9/25/03. MACC adopted 10/30/03. On 12/1/03, Glover smelter ceased operations with plans to reopen in future. DNR advised that certain emission compliance and reporting requirements of maintenance plan could be discontinued until plant is restarted. DNR monitoring will be discontinued at the end of June 2004 but the ability to restart monitoring with sufficient lead time will be retained should the plant begin smelting again. EPA will address adverse comment in subsequent final action.
Missouri SIP (Doe Run Resource Recycling Division Lead Plan)				1/4/94	12/15/94					
	7/2/93 6/30/94 11/23/94	All three submittals together found complete 12/15/94	All three submittals together approved 8/4/95							Eight continuous quarters of lead standard attainment.
	5/12/00	Complete-8/2/00	10/18/00-EPA granted direct final approval-effective 12/18/00							Facility now referred to as Doe Run Resource Recycling Division and is located near Bixby, MO.
	4/29/03	Complete-8/13/03	8/24/04-EPA granted direct approval-effective 10/25/04							Plan being revised to update emission limits to reflect current operation of facility. Public hearing for plan revision and rule change 10/24/02. MACC adopted 12/5/02.
Missouri SIP (Herculaneum Lead Plan - Doe Run)				1/4/94	12/15/94					
	6/3/91 7/2/93 6/30/94 11/23/94	Complete-7/9/91 Complete-9/30/93 Complete-2/23/94 Complete-12/15/94	Limited approval 3/6/92 Full approval on all 4 submittals together on 5/5/95							Area failed to attain lead standard 3rd quarter 1995. All contingency measures were implemented and still failed to attain lead standard.
	1/9/01	Complete-1/18/01	12/5/01-EPA proposed approval. Approved-4/16/02	7/28/99	1/18/01					MACC adopted plan revision and lead rule 12/7/00 and court signed consent judgement on1/5/01. For 2nd quarter 2004, Broad Street monitor measured 1.38 ug/m3.

State Air Quality Plans Status Report

October 12, 2004

Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
Missouri SIP (Update outdated local codes/ ordinances)	3/12/97	Complete-4/24/97	4/22/98-EPA granted direct final approval-effective 6/22/98	Sanction clock not applicable.						Required to comply with Title V Program.
	12/22/98	Complete-4/14/99	12/22/99-EPA granted direct final approval-effective 2/22/00							Updated Kansas City local incinerator codes.
	5/22/00	Complete-6/15/00	10/26/00-EPA granted direct final approval-effective 12/26/00							Revised to reflect new St. Louis City ordinance 64749.
	10/15/03	11/6/03	12/9/03-EPA granted direct final approval-effective 2/9/04							Plan being revised to reflect new St. Louis City ordinance 65645. Public hearing for plan revision 7/24/03. MACC adopted 8/28/03.
Missouri SIP (Revised NAAQS Plan)										<u>Ozone</u> Continuing to monitor 8 hour ozone standard. On 7/11/00, DNR sent letter to EPA recommending Kansas City and St. Louis be designated nonattainment for 8 hour ozone standard. On 2/27/01, U.S. Supreme Court upheld revised NAAQS. On 3/26/02, U.S. Appeals Court, D.C. Circuit upheld revised NAAQS. On 6/2/03, EPA published a proposed rule to implement the 8-hour Ozone NAAQS. On 4/30/04, EPA published Phase I of 8-hour ozone NAAQS implementation rule with Phase II to be published in next several months. Latest Section 110 Plan commitment letter submitted to EPA 9/27/04.
										<u>PM_{2.5}</u> Continuing to monitor PM _{2.5} . On 2/27/01, U.S. Supreme Court upheld revised NAAQS. On 3/26/02, U.S. Appeals Court, D.C. Circuit upheld revised NAAQS. Latest Section 110 Plan commitment letter submitted to EPA 9/27/04. EPA developing implementation plan.
										<u>PM₁₀</u> Area designation recommendation letter due to EPA by 7/17/98 was submitted 8/12/98. On 2/27/01, U.S. Supreme Court upheld revised NAAQS. On 3/26/02, U.S. Appeals Court, D.C. Circuit upheld revised NAAQS. Latest Section 110 Plan commitment letter submitted to EPA 9/27/04. EPA developing implementation plan.

State Air Quality Plans Status Report

October 12, 2004

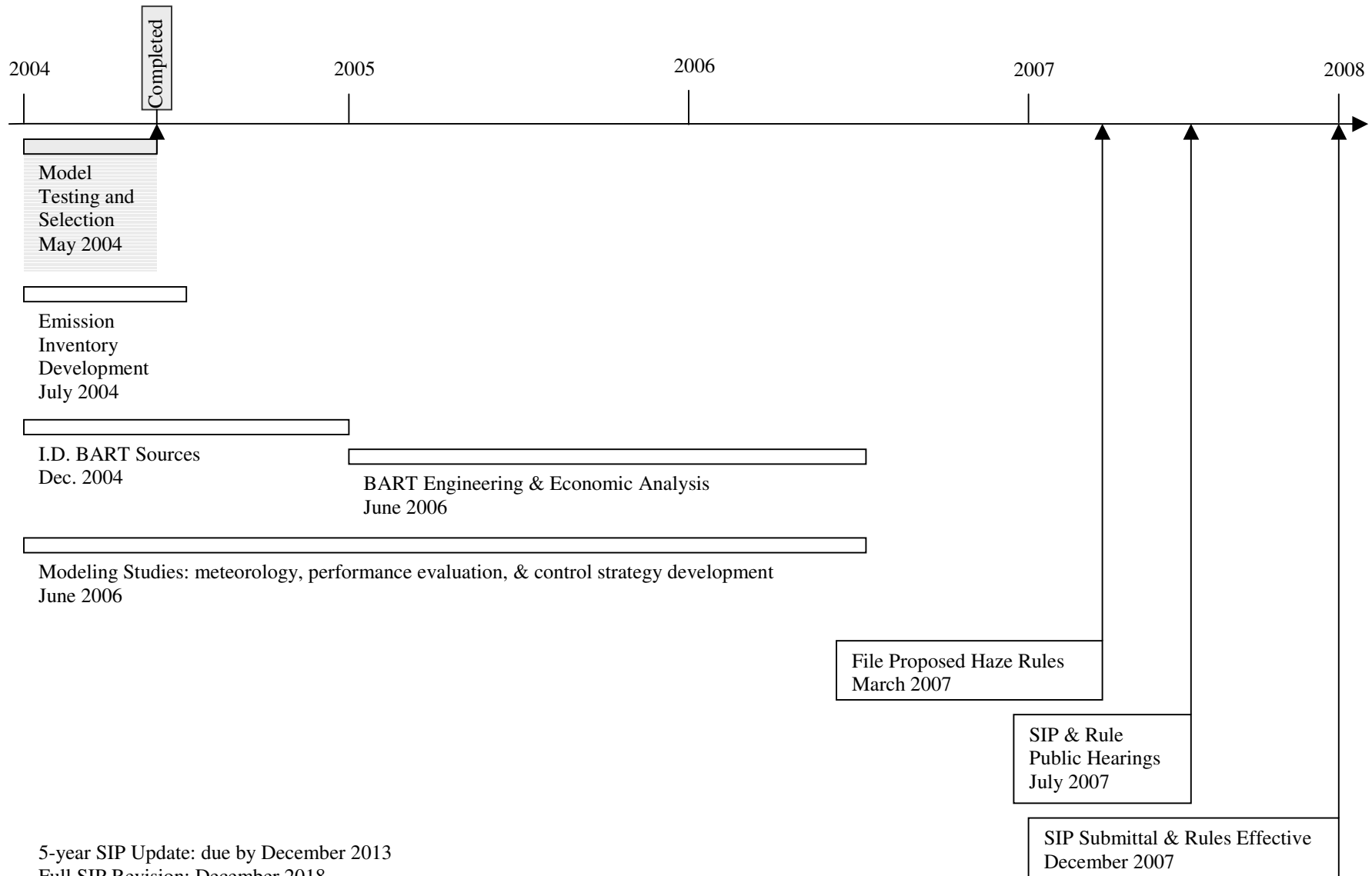
Plan Commitment	Plan Submitted to EPA *	EPA's Plan Completion Finding *	EPA's Plan Approval Finding *	Sanction Clock Date **		Sanctions				Comments
						EPA Impose 2:1 Emissions Offset Ratio (18 mos after clock start)		EPA Withholds Highway Funds (24 mos after clock start)		
				Start	Stop	Start	Stop	Start	Stop	
111(d) Plan-Municipal Solid Waste Landfills	1/26/98		4/24/98 - EPA granted direct final approval-effective 6/23/98							Original Plan
	8/31/00	Complete-9/21/00	11/15/00 - EPA granted direct final approval-effective 1/16/01							Plan being revised to reflect recent EPA Emission Guidelines revisions. Public hearing for plan revision 6/29/00. MACC adopted 7/27/00.
111(d) Plan-Hospital, Medical/Infectious Waste Incinerators	6/15/99		8/19/99 - EPA granted direct final approval-effective 10/18/99							Original Plan
	7/13/01		10/12/01 - EPA granted direct final approval-effective 12/11/01							Plan being revised to assure consistency with federal definitions. Public hearing for plan revision 2/6/01. MACC adopted 3/29/01.
Missouri SIP (Regional Haze Plan)										Final federal regional haze rule published 7/1/99 and Plan schedule is dependent on new NAAQS issues. Tasks completed: previous years grant applications (EPA approved), RPB structure/budget, by-laws, articles of incorporation, individual workgroup plans, guidelines for workgroup chairs, and FY2003 grant application. On 12/12/01, EPA released draft guidance to implement regional haze rule published 7/1/99. On 5/24/02, the D.C. Circuit Court of Appeals ruled on a case challenging specific BART requirements and will affect the way BART will be applied. Leanne Tippet appointed to Policy Oversight Group. Attended CENRAP workgroup meeting 8/11–8/13/03 in Minneapolis, MN and 8/2-8/4/04 in Kansas City, MO. BART survey being prepared to send to industries in order to determine affected BART sources. For individual workgroup progress, see www.cenrap.org. See Attachment A for schedule timeline.
Missouri SIP (Small Business Stationary Source Technical and Environmental Compliance Assistance Program)	3/10/93	Complete-5/11/93	Approved-3/10/93							This program is being implemented and operated by the Outreach and Assistance Center (OAC) environmental assistance office. All vacant appointments have been filled.

Note: Shaded blocks indicate changes or additions from the previous report.

* Failure to meet any of these dates or plan requirements, starts the 18 month sanction clock.
If requirement is not met within 18 months, the 2:1 emissions offset ratio sanction is imposed.
If requirement is still not met within 24 months, the sanction that withholds highway funds is imposed.

** Sanction clock starts with 1) EPA letter to Governor for failure to submit or finding of incompleteness; or 2) EPA Federal Register final notice of plan disapproval or nonimplementation.
Sanction clock stops with EPA letter to department director of finding of completeness.

Attachment A
State Air Quality Status Report
Regional Haze SIP Timeline



Inspections by Station from Sept 1 through Sept 30

Station #	Station Name	Lanes	Vehicles Inspected	Per Lane Per Day	Average Wait Time*
1	West St. Charles County	3	3460	46.13	4.81
2	East St. Charles County	3	5169	68.92	5.29
3	North County - Florissant	4	6832	68.32	7.69
4	West County - Chesterfield	2	2280	45.60	1.59
5	Mid County - Olivette	5	6866	54.93	5.60
6	North City - West Florissant	3	2770	36.93	4.41
7	West County - Manchester	4	5135	51.35	4.04
8	South City - South Kingshighway	5	8157	65.26	6.56
9	North Jefferson - Arnold	4	7508	75.08	5.58
10	South Jefferson - Herculaneum	2	2773	55.46	3.53
11	North Franklin - Union	4	1619	16.19	
12	South Franklin - St. Clair	2	755	15.10	
15	Mobile Van -	1	415	20.75	
16	Mobile Van -	1	777	38.85	
Total for Month			54,516		4.91
Overall Fail Rate for Month			8%		
Passed on 1st retest for Month			53%		
Total Waivers Issued for Month			122		
RSD			7,901		
Hybird			4,871		
Total RapidScreen for Month			12,772		
Grand Total for Month			67,288		

*Calculated from the time ticket is taken until position in front of station lane door



GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of September 11, 2004
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



	Week of Sept. 6-11, 2004	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	8,596	2,246,279
Number of waivers (enhanced area):	25	32,207
Number of passing tests and retests in Franklin County:	632	224,132
Number of waivers (Franklin Co.):	1	1,442
RapidScreen notices redeemed:	3,549	684,630
Total number of vehicles (passing, waived or RapidScreened) through system:	12,803	3,188,690
RapidScreen notices mailed (including Oct. 2004 registrants):	N/A	957,121
Initial failure rate (primary fail only - does not include retest failures; historical AVG from Aug. 12, 2000 - present):	7.00%	8.38%
Number of vehicles passing initial retest (network wide):	475 (51%)	120,643 (58%)
Average wait times (enhanced testing area):	5.23 Min. (overall average)	6.16 Min. (75-day average)
West St. Charles County	3.64 Min.	4.72 Min.
East St. Charles County	4.57 Min.	5.85 Min.
North County – Florissant	5.81 Min.	8.17 Min.
West County – Chesterfield	1.72 Min.	1.89 Min.
Mid County – Olivette	7.36 Min.	10.75 Min.
North City – West Florissant	5.24 Min.	3.79 Min.
West County – Manchester	4.50 Min.	4.92 Min.
South City – South Kingshighway	5.23 Min.	6.90 Min.
North Jefferson County – Arnold	6.33 Min.	4.24 Min.
South Jefferson Co. - Herculaneum	3.05 Min.	3.78 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 10 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2004	7	9	6	5	5	6	7	6	5			
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (September 6-11, 2004) damage claims were filed for 0.08% of vehicles tested. Since program start, damage claims have been filed for approximately 0.10% of all vehicles tested.

For more info: If there is additional information you would like to see in our weekly Gateway Clean Air Program Update, please contact the Missouri Department of Natural Resources at (314) 416-2115.

Gateway Clean Air Program Information line - Toll Free: 1-888-748-1AIR (1247)

Web site: www.gatewaycleanair.com



GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of September 18, 2004
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



	Week of Sept. 13-18, 2004	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	9,730	2,256,009
Number of waivers (enhanced area):	29	32,236
Number of passing tests and retests in Franklin County:	694	224,826
Number of waivers (Franklin Co.):	1	1,443
RapidScreen notices redeemed:	2,932	687,562
Total number of vehicles (passing, waived or RapidScreened) through system:	13,386	3,202,076
RapidScreen notices mailed (including Oct. 2004 registrants):	N/A	957,121
Initial failure rate (primary fail only - does not include retest failures; historical AVG from Aug. 12, 2000 - present):	7.67%	8.38%
Number of vehicles passing initial retest (network wide):	525 (52%)	121,168 (58%)
Average wait times (enhanced testing area):	4.79 Min. (overall average)	6.14 Min. (75-day average)
West St. Charles County	3.79 Min.	4.76 Min.
East St. Charles County	5.72 Min.	5.81 Min.
North County – Florissant	6.22 Min.	8.21 Min.
West County – Chesterfield	1.35 Min.	1.83 Min.
Mid County – Olivette	5.02 Min.	10.27 Min.
North City – West Florissant	3.35 Min.	3.79 Min.
West County – Manchester	3.16 Min.	4.97 Min.
South City – South Kingshighway	6.28 Min.	7.02 Min.
North Jefferson County – Arnold	4.69 Min.	4.33 Min.
South Jefferson Co. - Herculaneum	3.41 Min.	3.82 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 10 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2004	7	9	6	5	5	6	7	6	5			
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (September 13-18, 2004) damage claims were filed for 0.05% of vehicles tested. Since program start, damage claims have been filed for approximately 0.10% of all vehicles tested.

For more info: If there is additional information you would like to see in our weekly Gateway Clean Air Program Update, please contact the Missouri Department of Natural Resources at (314) 416-2115.

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GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of October 2, 2004
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



	Week of Sept. 27-Oct. 2, 2004	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	11,446	2,278,214
Number of waivers (enhanced area):	31	32,286
Number of passing tests and retests in Franklin County:	842	226,479
Number of waivers (Franklin Co.):	3	1,448
RapidScreen notices redeemed:	2,721	692,425
Total number of vehicles (passing, waived or RapidScreened) through system:	15,043	3,230,852
RapidScreen notices mailed (including Nov. 2004 registrants):	N/A	970,742
Initial failure rate (primary fail only - does not include retest failures; historical AVG from Aug. 12, 2000 - present):	8.08%	8.32%
Number of vehicles passing initial retest (network wide):	735 (53%)	122,527 (58%)
Average wait times (enhanced testing area):	6.30 Min. (overall average)	6.00 Min. (75-day average)
West St. Charles County	6.07 Min.	4.88 Min.
East St. Charles County	5.95 Min.	5.59 Min.
North County – Florissant	10.51 Min.	8.14 Min.
West County – Chesterfield	1.44 Min.	1.74 Min.
Mid County – Olivette	5.63 Min.	8.71 Min.
North City – West Florissant	4.84 Min.	3.83 Min.
West County – Manchester	3.63 Min.	4.81 Min.
South City – South Kingshighway	8.55 Min.	7.42 Min.
North Jefferson County – Arnold	5.45 Min.	4.63 Min.
South Jefferson Co. - Herculaneum	4.03 Min.	3.94 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 10 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2004	7	9	6	5	5	6	7	6	5	5		
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (September 27-October 2, 2004) damage claims were filed for 0.06% of vehicles tested. Since program start, damage claims have been filed for approximately 0.10% of all vehicles tested.

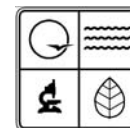
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Web site: www.gatewaycleanair.com



GATEWAY CLEAN AIR PROGRAM
WEEKLY UPDATE
 As of October 9, 2004
*The goal of the Gateway Clean Air Program is to improve
 St. Louis air quality.*



**Missouri
Department
of Natural
Resources**

	Week of Oct. 4-9, 2004	Since April 5, 2000
Number of passing tests and retests in the enhanced area:	8,520	2,286,734
Number of waivers (enhanced area):	22	32,308
Number of passing tests and retests in Franklin County:	559	227,038
Number of waivers (Franklin Co.):	2	1,450
RapidScreen notices redeemed:	3,109	695,534
Total number of vehicles (passing, waived or RapidScreened) through system:	12,212	3,243,064
RapidScreen notices mailed (including Nov. 2004 registrants):	N/A	970,742
Initial failure rate (primary fail only - does not include retest failures; historical AVG from Aug. 12, 2000 - present):	7.28%	8.31%
Number of vehicles passing initial retest (network wide):	502 (49%)	123,029 (58%)
Average wait times (enhanced testing area):	4.21 Min. (overall average)	5.91 Min. (75-day average)
West St. Charles County	4.52 Min.	5.04 Min.
East St. Charles County	4.19 Min.	5.53 Min.
North County – Florissant	4.73 Min.	7.93 Min.
West County – Chesterfield	1.73 Min.	1.75 Min.
Mid County – Olivette	4.74 Min.	8.20 Min.
North City – West Florissant	3.70 Min.	3.90 Min.
West County – Manchester	3.04 Min.	4.69 Min.
South City – South Kingshighway	6.14 Min.	7.43 Min.
North Jefferson County – Arnold	3.12 Min.	4.66 Min.
South Jefferson Co. - Herculaneum	3.56 Min.	4.03 Min.

Average Wait Times at the Enhanced Stations Since Program Start (in minutes): 10 Min. Overall AVG.

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
2004	7	9	6	5	5	6	7	6	5	4		
2003	5	7	7	8	10	10	11	12	9	7	7	6
2002	10	21	17	12	11	13	14	12	12	8	6	5
2001	9	14	13	10	11	14	14	13	14	10	9	7
2000	N/A	N/A	N/A	11	20	24	12	5	9	7	6	5

Miscellaneous:

Damage claims

This week (October 4-9, 2004) damage claims were filed for 0.09% of vehicles tested. Since program start, damage claims have been filed for approximately 0.10% of all vehicles tested.

For more info: If there is additional information you would like to see in our weekly Gateway Clean Air Program Update, please contact the Missouri Department of Natural Resources at (314) 416-2115.

Gateway Clean Air Program Information line - Toll Free: 1-888-748-1AIR (1247)

Web site: www.gatewaycleanair.com

BEFORE THE AIR CONSERVATION COMMISSION
STATE OF MISSOURI

IN THE MATTER OF:

REQUEST OF THE MISSOURI DEPARTMENT OF NATURAL RESOURCES, AIR
AND LAND PROTECTION DIVISION, for Renewal of Variance from 10 CSR 10-6.060
and 10 CSR 10-6.065, for Printers Participating in the PrintSTEP Pilot Project.

Introduction and Background

The Air and Land Protection Division (ALPD) has received an Environmental Protection Agency (EPA) grant to conduct a pilot project testing a different approach to permitting. The project is called PrintSTEP, which stands for “**P**rinter’s **S**implified **T**otal **E**nvironmental **P**artnership,” and will involve only printers that have volunteered to participate. In order to implement the pilot project, ALPD has requested from this Commission an order allowing a variance for PrintSTEP participants from certain requirements of the regulations for construction and operating permits (from 10 CSR 10-6.060 and 10 CSR 10-6.065).

PrintSTEP is an outgrowth of the EPA’s Common Sense Initiative (CSI) started in 1995 to help develop industry sector specific recommendations to improve the federal and state environmental regulatory processes. The goal was to make the processes smarter, easier to understand, cheaper to implement, and most importantly, with improved environmental results.

The Printing Industry is one of six major industry types that were involved in the EPA initiative. A sub-committee was assigned for each industry type and was composed of stakeholders from the key interest groups (i.e., environmental, industry, labor and environmental justice; plus state, local and federal regulators). The sub-committees were to develop consensus recommendations for improving environmental regulatory and management strategies.

The printing industry sub-committee developed the PrintSTEP concept to address printing specific issues with the environmental permitting process. The PrintSTEP system sets out a single enforceable agreement between volunteer printers and the Missouri Department of Natural Resources that covers regulations for wastewater, hazardous waste, storm water, and air emissions. PrintSTEP will be a voluntary program to be pilot tested in the St. Louis Regional Office area. PrintSTEP is intended to offer advantages for each of the key stakeholders. The advantages for the different stakeholder groups are as follows:

Industry Stakeholders

- Flexible permitting of new equipment – no permit modification required for new equipment at an existing facility if actual emissions stay within a designated range. Because of a volatile market demand, many printers need to add to or reconfigure their operations quickly and often, which can be slowed when the standard permitting system is used.
- PrintSTEP agreements will be like general permits in that conditions to a great extent will be standardized. This consistency is made possible by the PrintSTEP industry sector approach, which includes state personnel assigned to specialize in a sector.
- Smaller printers can use common measures (e.g., gallons) to determine applicability instead of using emissions calculations.
- PrintSTEP agreements wrap up all environmental media requirements into one document to improve company understanding and to help harmonize record keeping and reporting.
- PrintSTEP will help printers foster better relationships within the community
- Technical assistance offered under PrintSTEP will increase the application of pollution prevention improving the bottom line for printers and decrease their environmental liabilities.

Environmental Stakeholders

- PrintSTEP includes printers that currently fall below the regulatory “radar”
- PrintSTEP makes permitting or registration a public activity.
- PrintSTEP pushes “Pollution Prevention” (P2) and concept of “beyond compliance”
- PrintSTEP maintains existing emission/discharge/waste generation standards for each volunteer printer, including as applicable: Reasonably Available Control Technology (RACT), Best Available Control Technology (BACT), Lowest Achievable Emission Rate (LAER), Maximum Achievable Control Technology (MACT), New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAPS) and the National Ambient Air Quality Standards (NAAQS).

Communities / Environmental Justice Stakeholders

- PrintSTEP builds public involvement into the process by specifying general and actual notification for medium to larger facilities, and simple notification for small facilities.
- PrintSTEP terminology documents and process should help the community better understand environmental issues and the regulatory requirements.
- PrintSTEP begins the process of assessing cumulative impacts in neighborhoods
- PrintSTEP pushes P2 and concept of “beyond compliance” to improve the environment of the neighborhood.

Regulatory Stakeholders

- PrintSTEP design should allow a reduction in permit modifications written with no loss of environmental quality
- PrintSTEP should allow better understanding of the industrial sector by state staff resulting in faster turnaround
- PrintSTEP should make better information available on the emission sources in the state.

- Greater use of P2 will free staff for other activities, improving ability to reach goals.
- PrintSTEP should create improved communication with the general public enhancing confidence and trust in the agency.

Some may question applying a PrintSTEP approach to an industry such as printing. We agree with the CSI that printing is a good industry on which to test the PrintSTEP concepts. Printing is a very large industry with many, many firms large, small and in between which will provide a good pool for volunteers. Most of the facilities have air, water and waste concerns to which we can apply the multi-media approach. Printing establishments are not only located in industrial areas, but also in what would be called commercial areas of communities and neighborhoods. This would enhance our ability to garner public participation. And finally, printers and their printing processes on the whole are not typically high profile pollution sources. This will help the project to be accepted by the stakeholders at large as a low risk endeavor.

PrintSTEP will not change any existing emission, discharge, or waste generation standards. Those release standards will be brought across to the PrintSTEP Agreement from all existing permits and applicable regulations. We expect there will be no increase in pollutant releases attributable to PrintSTEP and are anticipating decreases due to increased use of pollution prevention practices and public awareness.

The number of printers that will ultimately volunteer to participate will depend on our ability to draw them into the program. At this time, 11 printers are in the pilot, eight with PrintSTEP Notifications and three that have PrintSTEP Agreements.

The EPA Office of Enforcement and Compliance Assistance has continued grants to 2 states to run this pilot. Missouri is a grantee along with New Hampshire.

To assure we maintain the PrintSTEP advantages for each of the stakeholders and that we tailor the CSI PrintSTEP approach to Missouri circumstances, we continue to work with our own stakeholder advisory group drawn from the St. Louis area. The stakeholders include the Printing Industries of St. Louis, the Conservation Federation of Missouri, the Rainbow Chamber of Commerce of Greater St. Louis, the Wesley House Association of St. Louis and the EPA.

Order Approving Variance Renewal Request and Conditions

PrintSTEP requires approval for its approach to modification of air pollution sources from the Missouri Air Conservation Commission. A variance is needed from the provisions of *10CSR10-6.060, Construction Permits Required* that often requires a permit when new equipment is added or an increase in actual or potential emissions is expected.

PrintSTEP also requires a variance from *10CSR10-6.065 Operating Permits*. The PrintSTEP Agreements will effectively replace the operating permits now required under that rule for the duration of the project. However, PrintSTEP will require volunteer printers to complete any commitments to obtain operating permits under *10CSR10-6.065* to be eligible.

The Commission hereby approves this variance from *10CSR10-6.060* and *10CSR10-6.065* for the limited number of existing printing facilities that will volunteer for the Division of Environmental Quality's PrintSTEP Pilot Project. The following are provisions and requirements of PrintSTEP that will apply upon the granting of this variance. Failure of the ALPD to abide by the PrintSTEP provisions would be grounds to revoke the variance.

1. This variance allows the PrintSTEP volunteer printers to add equipment or increase emissions only under strict adherence to the provisions of the PrintSTEP program. Such provisions include notification to the agency, availability of the information, and agency follow-up.
2. Except for those allowed in provision 1., no emissions requirements for PrintSTEP volunteer printers in current permits or applicable present and future regulations shall be abridged as a result of this variance.
3. All PrintSTEP volunteer printers shall obtain their operating permits where *10 CSR 10-6.065, Operating Permits* requires them.
4. During the term of the pilot project, the volunteer printers will be bound only by those requirements found in the PrintSTEP agreement as issued or modified, instead of the operating permit issued under *10 CSR 10-6.065, Operating Permits*.
5. The number of PrintSTEP volunteer printers allowed under the variance shall not exceed 60.
6. Only those printers in the geographical boundary of the St. Louis Regional Office (SLRO) will be allowed to participate in PrintSTEP, unless the ALPD arranges for additional PrintSTEP staff to work beyond that area.
7. PrintSTEP will be conducted by ALPD based on terms acceptable to the St. Louis County and City of St. Louis local air pollution agencies within their jurisdictions.
8. All EPA required evaluations of PrintSTEP will be made immediately available to the commission. ALPD will address the commission at least biannually or as requested by the commission on project progress.

9. Printed products must be the principal product of the volunteer printers.

10. This variance must be renewed annually with public notice by the Missouri Air Conservation Commission and will terminate at the end of the pilot project.

11. At the end of the pilot project, volunteer printers will again be subject to the requirements of *10CSR10-6.065* and *10CSR10-6.065*. Operating permits under *10CSR10-6.065* will be adjusted to reflect operating parameters or emission requirements at the end of the project without further application or fees by the volunteer printers. The project is expected to end by November 30, 2005.

APPROVED THIS 28th DAY OF OCTOBER, 2004 BY THE
UNDERSIGNED MEMBERS OF THE AIR CONSERVATION COMMISSION.

_____	_____
_____	_____
_____	_____

MEMORANDUM

DATE:

TO: Missouri Air Conservation Commission

THROUGH: James D. Werner, Director
Air and Land Protection Division

FROM: Leanne Tippet Mosby, Director
Air Pollution Control Program

SUBJECT: Petition for Motor Vehicle Emissions Inspection Variance

Missouri's enhanced vehicle emissions inspection and maintenance (I/M) rule does not allow 1996 and newer model year vehicles to receive compliance waivers after January 1, 2005. The Air Pollution Control Program is requesting a variance from this prohibition to allow 1996 and newer model year vehicles to receive a waiver if the vehicles meet specific criteria.

The existing state regulation, 10 CSR 10-5.380 *Motor Vehicle Emissions Inspection*, paragraph (3)(I)2. states that, "Beginning January 1, 2005, 1996 and newer model year vehicles shall not be issued a compliance waiver."

The rationale for compliance waivers exists primarily in tailpipe testing programs, which are focused on pollution reduction from failing vehicles. The reason for a waiver prohibition for 1996 and newer model year vehicles is that they are equipped with on-board diagnostics (OBD) systems, an early warning system focused on pollution prevention for failing vehicles. Allowing 1996 and newer model year vehicles to be eligible to receive a waiver would defeat the pollution prevention design of OBD systems and lead to higher required repair costs for owners of these vehicles the next time the vehicle failed the OBD test.

OBD systems enable properly-trained repair technicians to accurately diagnose and repair all emission-related problems indicated by the vehicle's system and protect vehicle owners from trial-and-error repairs that do not correct the vehicle's emission-related problem. For this reason, the Environmental Protection Agency (EPA) recommends that states not issue compliance waivers to 1996 and newer vehicles unless the vehicles have been repaired to pass the OBD test.

The American Automobile Association (AAA) Club of Missouri asked the Air Pollution Control Program to address the impact of this compliance waiver prohibition on owners of vehicles that fail the OBD inspection for transmission-related diagnostic trouble codes (DTCs). AAA Missouri expressed the opinion that some transmission-related DTCs repairs were quite expensive and would not prevent or reduce excess vehicle emissions.

After meeting with AAA Missouri and EPA Region VII staff, the Air Pollution Control Program believes that it is reasonable to allow vehicles that fail the OBD inspection for transmission-related DTCs the option of obtaining a compliance waiver, provided that the only repair possible is an expensive transmission replacement. By waiving these vehicles, the Gateway Clean Air Program will increase the convenience of the I/M program to motorists without measurably affecting the air quality benefit of the program. The Air Pollution Control Program estimates that fewer than one percent of the 1996 and newer vehicles would be eligible for this compliance waiver.

The Air Pollution Control Program would like to expand paragraph (I) 2. of the rule to the following: "Beginning January 1, 2005, 1996 and newer model year vehicles shall not be issued a compliance waiver unless the following criteria are met: A. The vehicle has failed at least two (2) inspections, one (1) initial test and one (1) retest; B. The vehicle repairs were performed by a Recognized Repair Technician. All DTCs except transmission-related DTCs must be fully repaired; C. The minimum amount spent on qualifying repairs for vehicles that have multiple DTCs including transmission-related DTCs shall exceed four hundred fifty dollars (\$450) in parts and recognized labor costs; D. The minimum amount spent on qualifying repairs for vehicles that have only transmission-related DTCs shall include the labor cost of a diagnosis from a Recognized Repair Technician; E. All OBD-related Technical Service Bulletins related to the DTCs that caused the vehicle to fail the OBD test and all open emission-related recalls have been addressed; and F. The vehicle passes the gas cap test and the readiness flag portion of the OBD test described in 40 CFR part 85 subpart W, section 2222."

The Air Pollution Control Program recommends granting this variance for the allowance of compliance waivers for 1996 and newer model year vehicles if they meet the above criteria while the program proceeds with formal rulemaking to amend state rule 10 CSR 10-5.380 *Motor Vehicle Emissions Inspection* to make the aforementioned changes.

LTM:hhl

c: Tim Duggan, Attorney General's Office

**Missouri Department of Natural Resources' Recommendation to
the Missouri Air Conservation Commission on
Motor Vehicle Emissions Inspection
Variance Petition and Order**

Introduction

The Department of Natural Resources' Air Pollution Control Program is requesting a variance from the Missouri Air Pollution Control Program Regulation 10 CSR 10-5.380 (3)(I)2. The department is submitting the variance petition to the Missouri Air Conservation Commission (Commission) for its information at its meeting on October 28, 2004, pursuant to Section 643.055 and 643.110, RSMo.

Missouri's current enhanced vehicle emissions inspection and maintenance (I/M) rule does not allow 1996 and newer model year vehicles to receive compliance waivers after January 1, 2005. The Air Program is requesting a variance from this prohibition to allow 1996 and newer model year vehicles to receive a waiver if the vehicles meet specific criteria.

If the Commission grants the variance petition, motorists would be allowed to register their vehicles without repairing their vehicles and will not be subject to the vehicle emission requirements that are currently part of Missouri's regulations for the duration of the variance.

Background

On April 5, 2001, the U.S. Environmental Protection Agency (EPA) published a regulation amendment that requires states with existing I/M programs to implement pass/fail on-board diagnostics (OBD) testing for 1996 and newer model year vehicles. This regulation was incorporated by reference into state regulation 10 CSR 10-5.380 *Motor Vehicle Emissions Inspection*.

The existing state regulation, 10 CSR 10-5.380 *Motor Vehicle Emissions Inspection*, paragraph (3)(I)2. states that, "Beginning January 1, 2005, 1996 and newer model year vehicles shall not be issued a compliance waiver."

The rationale for compliance waivers exists primarily in tailpipe testing programs, which are focused on pollution reduction from failing vehicles. The reason for a waiver prohibition for 1996 and newer model year vehicles is that they are equipped with on-board diagnostics (OBD) systems, an early warning system focused on pollution prevention for failing vehicles. Allowing 1996 and newer model year vehicles to be eligible to receive a waiver would defeat the pollution prevention design of OBD systems and lead to higher required repair costs for owners of these vehicles the next time the vehicle failed the OBD test.

OBD systems enable properly-trained repair technicians to accurately diagnose and repair all emission-related problems indicated by the vehicle's system and protect vehicle owners from trial-and-error repairs that do not correct the vehicle's emission-related problem. For this reason, the Environmental Protection Agency (EPA) recommends that states not issue compliance waivers to 1996 and newer vehicles unless the vehicles have been repaired to pass the OBD test.

AAA Missouri asked the Air Pollution Control Program to address the impact of this compliance waiver prohibition on owners of vehicles that fail the OBD inspection for transmission-related diagnostic trouble codes (DTCs). AAA Missouri expressed the opinion that some transmission-related DTCs repairs were quite expensive and would not prevent or reduce excess vehicle emissions.

The Commission may grant a variance, pursuant to state law (Section 643.055 and 643.110, RSMo), if certain conditions are met. The department has reviewed each of these conditions and compared them with the facts of this case. These two statutes authorize the Commission to grant a variance if the person applying for the variance can show that compliance with the rule:

1. “would cause economic hardship” (643.055.2(1), RSMo);
2. “is physically impossible” (643.055.2(2), RSMo);
3. “is more detrimental to the environment than the variance would be” (643.055.2(3), RSMo);
4. “is impractical or of insignificant value under the existing conditions” (643.055.2(3), RSMo);
5. “will result in taking of property without just compensation” (643.110.1, RSMo); or
6. “in the closing and elimination of any lawful business, occupation, or activity, without sufficient corresponding benefit or advantage to the people” (643.110.1, RSMo).

The Air Program staff believes that compliance with the rule requirement to repair the vehicle’s transmission-related DTC would impose an economic hardship and cause the elimination of a lawful activity (driving a motor vehicle) for motorists with vehicles with transmission-related DTCs that would not have a corresponding benefit to air quality.

The Air Program staff believes that compliance with the rule requirement to repair the vehicle’s transmission-related DTC would not be physically impossible, is not more detrimental to the environment, is not impractical or of insignificant value, and does not result in the taking of property.

These two statutes do not authorize the Commission to grant a variance:

7. “where the effect of the variance will permit the continuance of a health hazard” (643.110.1, RSMo); and
8. “that any variance so granted shall not be construed to relieve the person who receives the variance from any liability imposed by other law for the commission or maintenance of a nuisance.” (643.110.1, RSMo).

The Air Program staff believes that allowing vehicles with transmission-related DTCs to receive a waiver would not constitute a continuance of a health hazard or relieve the person from any liability imposed by other law for the commission or maintenance of a nuisance.

Recommendation

After meeting with AAA Missouri and EPA Region VII staff, the Air Pollution Control Program believes that it is reasonable to allow vehicles that fail the OBD inspection for transmission-related DTCs the option of obtaining a compliance waiver, provided that the only repair possible is an expensive transmission replacement. By waiving these vehicles, the Gateway Clean Air Program will increase the convenience of the I/M program to motorists without measurably affecting the air quality benefit of the program. The Air Pollution Control Program estimates that fewer than one percent of the 1996 and newer vehicles would be eligible for this compliance waiver.

The Air Pollution Control Program would like to expand paragraph (I) 2. of the rule to the following: “Beginning January 1, 2005, 1996 and newer model year vehicles shall not be issued a compliance waiver unless the following criteria are met: A. The vehicle has failed at least two (2) inspections, one (1) initial test and one (1) retest; B. The vehicle repairs were performed by a Recognized Repair Technician. All DTCs except transmission-related DTCs must be fully repaired; C. The minimum amount spent on qualifying repairs for vehicles that have multiple DTCs including transmission-related DTCs shall exceed four-hundred fifty dollars (\$450) in parts and recognized labor costs; D. The minimum amount spent on qualifying repairs for vehicles that have only transmission-related DTCs shall include the labor cost of a diagnosis from a Recognized Repair Technician; E. All OBD-related Technical Service Bulletins related to the DTCs that caused the vehicle to fail the OBD test and all open emission-related recalls have been addressed; and F. The vehicle passes the gas cap test and the readiness flag portion of the OBD test described in 40 CFR part 85 subpart W, section 2222.”

Pursuant to 643.055 and 643.110, RSMo, the Air Pollution Control Program recommends that the Commission grant a variance in accordance with AAA Missouri’s petition. The effect of this variance will be to excuse the vehicles with certain transmission-related DTCs from compliance with 10 CSR 10-5.380 (3)(I)2. and the allowance of compliance waivers for 1996 and newer model year vehicles if they meet the above criteria. The Air Pollution Control Program intends to proceed with formal rulemaking, including a Regulatory Impact Report, to amend state rule 10 CSR 10-5.380 *Motor Vehicle Emissions Inspection* to make the aforementioned changes.

ORDER The Missouri Air Conservation Commission hereby approves the recommendation above:

Signature _____ Date _____

Signature _____ Date _____

Signature _____ Date _____

Signature _____ Date _____

Signature _____ Date _____

Signature _____ Date _____

Signature _____ Date _____

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[Code of State Regulations](#)

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[Draft Permits on Public Notice, Response to Comments and Final Permits](#)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES

DEPARTMENTAL OFFICES

Kansas City Area

- Kansas City Urban Outreach Office**
4750 Troost Avenue
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(816) 759-7313
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- Kansas City Regional Office**
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FAX: (816) 622-7044
- Department of Energy
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- Northeast Regional Office**
1709 Prospect Dr.
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(660) 385-8000
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- Mississippi River Project Office**
Wakonda State Park
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LaGrange, MO 63448
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St. Louis Area

- St. Louis Urban Outreach Office**
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- St. Louis Regional Office**
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(314) 416-2960
FAX: (314) 416-2970
- Franklin County Satellite Office**
Meramec State Park
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Sullivan, MO 63080
(573) 860-4308
- Hazardous Waste Field Office**
917 N. Hwy 67, Ste. 104
Florissant, MO 63031
(314) 877-3250 or 3251
FAX: (314) 877-3254
- Jefferson County Satellite Office**
Eastern District Parks Office
Hwy 61
Festus, MO 63028
(636) 931-5200
FAX (636) 931-5204

St. Louis Area (continued)

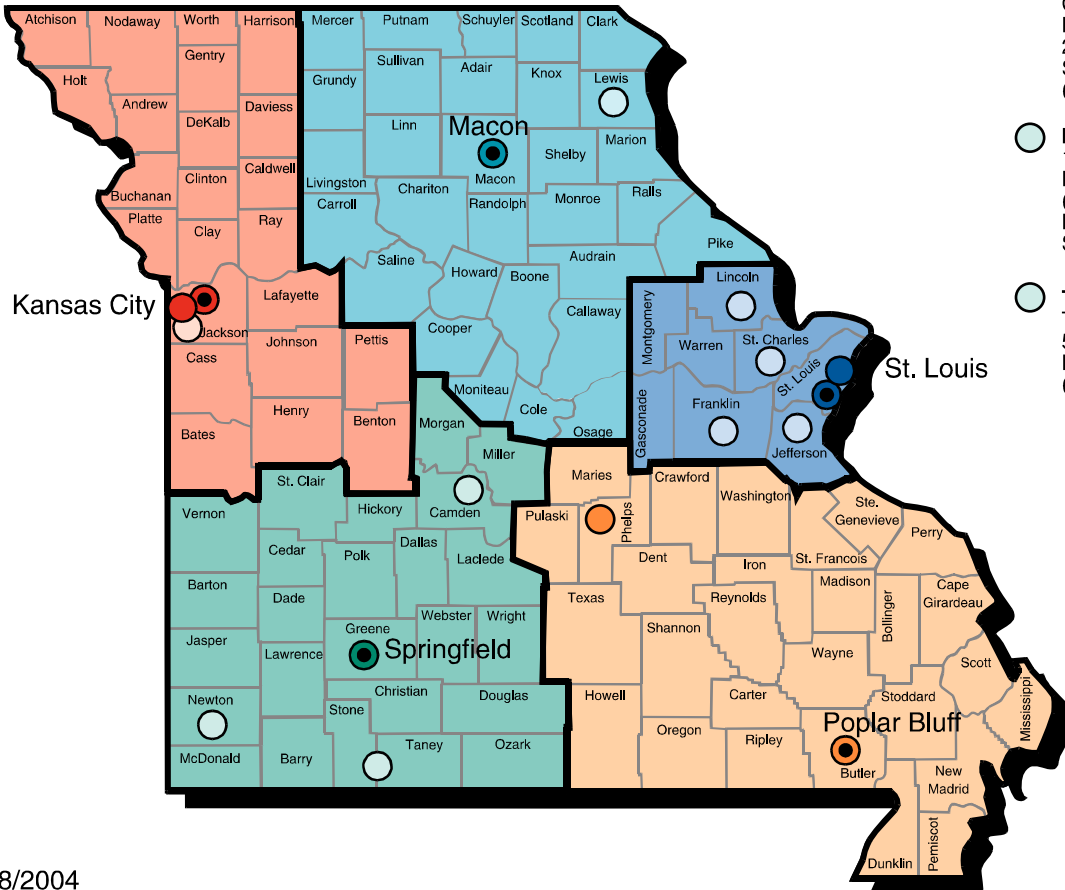
- Lincoln County Satellite Office**
Cuivre River State Park
678 State Rt. 147
Troy, MO 63379
(636) 528-4779

Southeast Area

- Southeast Regional Office**
2155 North Westwood Boulevard
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FAX: (573) 840-9754
- Geological Survey and Resource
Assessment Division**
111 Fairgrounds Rd.
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Southwest Area

- Southwest Regional Office**
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- Lake of the Ozarks Satellite Office**
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Springfield, MO 65807-5912
- Taney / Stone County Satellite Office**
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For more information on
the department, visit
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call 1-800-361-4827
or write to
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Jefferson City, MO 65102-0176.

NOTES

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